



RAJASTHAN LIQUORS LTD.

Ref. No. **RLL/IA/MOEF/2025-26/07**

Date: **31-05-2025**

To

The Director (IA Division)

Ministry of Environment, Forest & Climate Change (MoEFCC)

Govt. of India, Indira Paryavaran Bhawan

Jor Bagh Road, New Delhi - 110003

Sub: Submission of Half-Yearly EC Compliance Report (October 2024- March 2025) for Distillery Plant (Grained based, 120 KLD) with Cogeneration Power Plant (3.0 MW) at Industrial FEZ, Village Haripur, Hinduan & Saidupura, Tehsil: Derabassi and District: Mohali, Punjab by M/s Rajasthan Liquors Ltd.

Ref.: EC Letter no. J-11011/263/2010-IA II(I) dated 26th September, 2012

EC Letter no. J-11011/263/2010-IA II(I) dated 21st February, 2020

Sir

With reference to the aforesaid subject and above cited reference matter, this is to apprise you that company has obtained Environmental Clearance vide letter No J-11011/263/2010-IA II(I) dated 26th September, 2012 for Distillery Plant (Grained based, 120 KLD) with Cogeneration Power Plant (3.0 MW) at Industrial FEZ, Village Haripur, Hinduan & Saidupura, Tehsil : Derabassi and District: Mohali, Punjab by M/s Rajasthan Liquors Ltd.

The company further applied for the expansion of Grain based distillery from 120 KLPD to 145.2 KLPD by modernization and efficiency improvement at industrial FEZ, Village Haripur Hinduan & Saidpura, Tehsil Derabassi, District SAS Nagar (Mohali), Punjab in MoEF&CC, New Delhi and acquired Environmental Clearance vide letter no. J-11011/263/2010-IA II(I) dated 21st February, 2020. No work has been started with respect to new EC obtained.

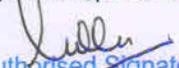
Presently, the company is running on the basis of earlier Environmental Clearance letter. We are hereby submitting the Half Yearly Compliance Report (October 2024- March 2025) of the conditions stipulated in our Environment Clearance letter issued by Ministry of Environment Forest and Climate Change, New Delhi.

This is for your kind consideration and records.

Thanking you and with regards,

Yours faithfully,

For Rajasthan Liquors Ltd.


Authorized Signatory
(Authorized Signatory)

Enclosed:

Half Yearly Compliance Report (October 2024- March 2025) in soft copy

**REGISTERED &
CORPORATE OFFICE:**
First Floor, 7/22D,
Tilak Nagar,
Kanpur: 208 002
Tel.: 0512-2563700

BRANCH OFFICE:
4th Floor,
Raghukul Tower,
Khatipura Mod,
Sirsi Road, Jaipur,
Rajasthan: 302 021

UNIT I:
F-40 & SP-39A,
RIICO Industrial Area,
Kaladera (Chomu)
Jaipur,
Rajasthan: 303 801

UNIT II:
Village Haripur Hindua,
Barwala Road, Derabassi,
SAS Nagar (Mohali),
Punjab: 140 507

CIN: U15531UP1998PLC028079
E: rllho@rll.co.in
W: www.rll.co.in

TIE-UP UNITS:
RAJWADA BREWERIES AND BOTTLING PRIVATE LIMITED
F-9-16A, 35-42, RIICO Industrial Area, Silora, Kishangarh,
Ajmer-305802 Rajasthan

ALWAR MALT AND AGRO FOODS MANUFACTURERS COMPANY LIMITED
6th K.M. Stone, Jaipur Road, Village Bhankhera,
Alwar-301001 Rajasthan.

SIX MONTHLY COMPLIANCE REPORT

**AS PER THE CONDITIONS STIPULATED
IN THE ENVIRONMENTAL CLEARANCE**

EC Letter no. J-11011/263/2010-IA-II(I) dated 26thSeptember, 2012

Six Monthly Compliance Report

October 2024 To March 2025

**Distillery Plant(Grained based,120 KLD)
with Cogeneration Power Plant(3.0 MW)**

At

**Industrial FEZ, Village Haripur Hinduan & Saidupura,
Tehsil Derabassi and District Mohali, Punjab**

SUBMITTED BY

M/s Rajasthan Liquors Ltd.

**Village Haripur Hinduan,
Barwal a Road Derabassi,
District S.A.S Nagar, Punjab-140507**

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F. No. J-11011/263/2010- IA II (I)
Government of India
Ministry of Environment and Forests
(I.A. Division)

ParyavaranBhawan
CGO Complex, Lodhi Road
New Delhi – 110 003

E-mail : aditya.narayan@nic.in

Telefax : 011: 2436 549

Dated 26th September, 2012

To,

Shri Rakesh Chhabra, Director
M/s Rajasthan Liquors (P) Ltd.
Village HaripurHinduan, Barwala Road
Derabassi, District S.A.S. Nagar, Punjab

E-mail: Chhabra_rakesh@yahoo.co.in ;

Subject: Distillery Plant (Grained based, 120 KLD) with Cogeneration Power Plant (3.0 MW) at Industrial FEZ, Village HaripurHinduan&Saidupura, Tehsil Derabassi and District Mohali, Punjab by M/s Rajasthan Liquors (P) Ltd. – Environmental Clearance reg.

Ref. : Your letter no. nil dated 30th June, 2011.

Sir,

Kindly refer your letter dated 30th June, 2011 alongwith project documents including Form I, Terms of References, Pre-feasibility Report, EIA/EMP Report, Public Hearing Report and subsequent submission of additional information vide letter dated 24th September, 2011, 23rd September, 2011 and 29th September, 2011 regarding above mentioned project.

2.0 The Ministry of Environment and Forests has examined the application. It is noted that proposal is for setting up of Distillery Plant (Grained based, 120 KLD) with Cogeneration Power Plant (3.0 MW) at Industrial FEZ, Village Haripur Hinduan & Saidupura, Tehsil Derabassi and District Mohali, Punjab by M/s Rajasthan Liquors (P) Ltd. Total plot area is 10.5 acres. Ghaghar River is located at 3.8 Km east. No national park/wildlife sanctuary/ biosphere reserve within 10 km. Kholhat Raitan Reserve Forest (10.07 Km). Total project cost is Rs. 80.00 Crores. Distillery will run for 330 days.

3.0 Multicyclone followed by bag filters alongwith stack of adequate height will be provided to rice husk/coal fired boiler. Total fresh water requirement from ground water source will be 1200 m³/day. Spent wash will be passed through decanter and concentrated in Multi-effect evaporator (MEE). Thick syrup and wet cake will be mixed together to form Distiller's Wet Grains with Soluble (DWGS) to achieve zero discharge. Spent lees, MEE condensate and Utilities wastewater will be treated in the effluent treatment plant (ETP) and treated effluent will be recycled/reused within the factory premises. No effluent will be discharged outside the factory premises and zero discharge concept will be maintained. Storage capacity for spent wash lagoon will be 5 days. DWGS will be dried to form Distiller's Dry Grains with Soluble (DDGS) and sold as cattle feed. Fly ash will be sold to the brick/cement manufacturers or used for land application. Spent oil will be sold to authorized recyclers/re-processors.

4.0 Public hearing/public consultation meeting was conducted on 18th April, 2011.

5.0 All cane juice/non-molasses based distillery (>30 KLD) are listed at S.N. 5(g) (ii) under category A and appraised at Central level.

6.0 The proposal was considered by the Expert Appraisal Committee (Industry-2) in its 14th, 28th and 32nd meetings held during 16th-17th September, 2010, 20th, 21st October, 2011 and 16th, 17th February, 2012 respectively. The Committee recommended the proposal for environmental clearance.

7.0 Based on the information submitted by the project proponent, the Ministry of Environment and Forests hereby accords environmental clearance to above project under the provisions of EIA Notification dated 14th September 2006, subject to the compliance of the following Specific and General Conditions:

A. SPECIFIC CONDITIONS:

- i) Environment clearance accorded is for grain based distillery unit (120 KLPD) only and no molasses based distillery unit shall be operated without prior permission from the Ministry.
- ii) Efforts shall be made to reduce PM₁₀ levels in the ambient air and a time bound action plan shall be submitted. As proposed, Multicyclone followed by bag filters alongwith stack of adequate height shall be provided to rice husk/coal fired boiler to control particulate emissions within 50 mg/Nm³. At no time, the emission levels shall go beyond the prescribed standards. In the event of failure of any pollution control system adopted by the unit, the respective unit shall not be restarted until the control measures are rectified to achieve the desired efficiency.
- iii) The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be followed.
- iv) In plant, control measures for checking fugitive emissions from all the vulnerable sources shall be provided. Fugitive emissions shall be controlled by providing closed storage, closed handling & conveyance of chemicals/materials, multi-cyclone separator and water sprinkling system. Dust suppression system including water sprinkling system shall be provided at loading and unloading areas to control dust emissions. Fugitive emissions in the work zone environment, product, raw materials storage area etc. shall be regularly monitored and records should be maintained. The emissions shall conform to the limits imposed by Punjab Pollution Control Board (PPCB).
- v) The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB guidelines. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution.
- vi) The company shall upload the status of compliance of the stipulated environmental clearance conditions, including results of monitored data on its website and shall update the same periodically. It shall simultaneously be sent to the Regional office of MOEF, the respective Zonal office of CPCB and the PPCB. The levels of PM₁₀, SO₂, NO_x, CO and HC (Methane) in ambient air shall be monitored and displayed at a convenient location near the main gate of the company and at important public places.
- vii) Total fresh water requirement for distillery including CPP shall not exceed 10 KL/KL of the alcohol production(i.e. 1200 m³/day). Prior permission for the drawl of 1200 m³/day shall be obtained from the Central Ground Water Authority/State Ground Water Board. A copy of water permission from concerned Authority shall be submitted to the Ministry & Regional Office at Chandigarh.
- viii) Efforts shall be made to reduce the fresh water requirement from ground water source by adopting 3 R's (Reduce, Reuse and Recycle) concept.
- ix) Spent wash generation shall not exceed 6 KI/KI of alcohol production (i.e. 720 KLPD). As proposed spent wash shall be passed through decanter and concentrated in Multi-effect evaporator. Thick syrup and wet cake shall be mixed together to form DWGS to achieve zero discharge. Spentlees, MEE condensate and Utilities wastewater shall be treated in ETP and water quality of treated

effluent shall meet the norms prescribed by CPCB/SPCB and treated effluent shall be recycled/ reused within the factory premises.

- x) No effluent from distillery and co-generation power plant shall be discharged outside the factory premises and Zero effluent discharge concept shall be adopted.
- xi) Distillery Wet Grains with Soluble (DWGS) shall be fed to the dryer to form Distillery Dry Grains with Soluble (DDGS).
- xii) Process effluent/any wastewater shall not be allowed to mix with storm water. Storm water drain shall be passed through guard pond.
- xiii) No storage of wet cake should be done at site to avoid odour problem.
- xiv) Spent wash shall be stored in impervious lagoon with HDPE lining as per CPCB guidelines and shall be kept in proper condition to prevent ground water pollution. Storage capacity of spent wash lagoon shall be for 5 days.
- xv) Adequate numbers of ground water quality monitoring stations by providing piezometers around the project area shall be set up. Sampling and trend analysis monitoring must be made on monthly basis and report submitted to SPCB and this Ministry. The ground water quality monitoring for pH, BOD, COD, Chloride, Sulphate and Total Dissolve Solids shall be monitored and report submitted to the Ministry Regional Office at Chandigarh and PPCB.
- xvi) Rice husk storage shall be done in such a way that it does not get air borne or fly around due to wind. For this, it shall be kept in wet form.
- xvii) Boiler ash shall be stored separately as per CPCB guidelines so that it shall not adversely affect the air quality, becoming air borne by wind or water regime during rainy season by flowing alongwith the storm water. Direct exposure of workers to fly ash & dust shall be avoided.
- xviii) Proper utilization of fly ash shall be ensured as per Fly Ash Notification, 1999 as amendment in 2003. Fly ash shall be provided to cement and brick manufacturers for further utilization.
- xix) Detailed plan for disposal of boiler ash shall be submitted to the Ministry regional office at Chandigarh within 1 month from dated of issue of letter.
- xx) Fire fighting system shall be as per the OISD 117 norms and cover all areas where alcohol is produced, handled and stored. Provision of foam system for fire fighting shall be made to control fire from the alcohol storage tank.
- xxi) Risk Assessment shall be carried to assess the fire and explosion risk due to storage of alcohol and report submitted to the Ministry and its Regional Office at Chandigarh within six months.
- xxii) Occupational health surveillance programme shall be undertaken as regular exercise for all the employees. The first aid facilities in the occupational health centre shall be strengthened and the regular medical test records of each employee shall be maintained separately.
- xxiii) Dedicated parking facility for loading and unloading of material shall be provided in the factory premises. Unit shall develop and implement good traffic management system for their incoming and outgoing vehicles to avoid congestion on the public road.

- xxiv) Green belt shall be in 33 % area to mitigate the effects of fugitive emissions all around the plant as per CPCB guidelines in consultation with the local DFO. Thick greenbelt with suitable plant species shall be developed around the proposed distillery to mitigate the odour problem.
- xxv) All the commitments made during the Public Hearing/Public Consultation meeting held on 18th April, 2011 shall be satisfactorily implemented and adequate budget provision shall be made accordingly.
- xxvi) Provision shall be made for the housing for the construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile sewage treatment plant, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structure to be removed after the completion of the project. All the construction wastes shall be managed so that there is no impact on the surrounding environment.

B. GENERAL CONDITIONS:

- i. The project authorities shall strictly adhere to the stipulations made by the Punjab Pollution Control Board.
- ii. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests. 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 measures required, if any.
- iii. The locations of ambient air quality monitoring stations shall be decided in consultation with the Punjab Pollution Control Board (PPCB) and it shall be ensured that at least one station is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.
- iv. The overall noise levels in and around the plant area shall be kept well within the standards 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).
- v. The Company shall harvest rainwater from the roof-tops of the buildings and storm water drains to recharge the ground water and use the same water for the process activities of the project to conserve fresh water.
- vi. The Company shall obtain Authorization for collection, storage and disposal of hazardous waste under the Hazardous Waste (Management, Handling and Trans-boundary Movement) Rules, 2008 and its amendment time to time and prior permission from PPCB shall be obtained for disposal of solid / hazardous waste including boiler ash.
- vii. During transfer of materials, spillages shall be avoided and gullies drains be constructed to avoid mixing of accidental spillages with domestic wastewater and storm water drains.
- viii. Usage of Personnel Protection Equipments by all employees/workers shall be ensured.
- ix. Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.

- x. The company shall also comply with all the environmental protection measures and safeguards proposed in the project report submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, risk mitigation measures and public hearing relating to the project shall be implemented.
- xi. The company shall undertake CSR activities and all relevant measures for improving the socio-economic conditions of the surrounding area.
- xii. The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.
- xiii. A separate Environmental Management Cell equipped with full fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.
- xiv. As proposed, the company shall earmark Rs. 10crores and Rs. 1.0crore towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/ pollution control measures shall not be diverted for any other purpose.
- xv. A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zila Parisad/Municipal Corporation, Urban local Body and the local NGO, if any, from who suggestions/ representations, if any, were received while processing the proposal.
- xvi. 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, the respective Zonal Office of CPCB and the Punjab Pollution Control Board. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.
- xvii. The environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted to the Punjab Pollution Control Board as prescribed under the Environment (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 Chandigarh Regional Offices of MoEF by e-mail.
- xviii. 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 <http://envfor.nic.in>. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers 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.
- xix. The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.

8.0 The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.

9.0 The Ministry reserves the right to stipulate additional conditions, if found necessary. The company in a time bound manner will implement these conditions.

10.0 The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Water Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous Waste (Management, Handling and Trans-boundary Movement) Rules, 2008 and the Public Liability Insurance Act, 1991 along with their amendments and rules.

(A N Singh)
Dy. Director

Copy to :-

1. The Principal Secretary, Environment Department, Government of Punjab, Chandigarh.
2. The Chief Conservator of Forests, Regional Office (Northern Zone), Bay No.24-25, Sector 31-A, Dakshim Marg, Chandigarh-160030.
3. The Chairman, Central Pollution Control Board Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, New Delhi - 110 032.
4. The Chairman, Punjab Pollution Control Board, Vatavaran Bhawan, Nabha Road, Patiala, 147001, Punjab.
5. Joint Secretary, IA II(I), Ministry of Environment and Forests, Paryavaran Bhavan, CGO Complex, New Delhi.
6. Monitoring Cell, Ministry of Environment and Forests, Paryavaran Bhavan, CGO Complex, New Delhi.
7. Guard File/Monitoring File/Record File.

(A N Singh)
Dy. Director

Name of Project: Distillery Plant (Grained based, 120 KLD) with Cogeneration Power Plant (3.0 MW) at Industrial FEZ, Village Haripur Hinduan & Saidpura, Tehsil Derabassi and District Mohali, Punjab

Project Proponent: M/s. Rajasthan Liquors Ltd.

Period of Compliance: October 2024 to March 2025

Ref.: EC vide letter no. J-1101/263/2010-IA-II(I) dated 26th September, 2012

S.No.	SPECIFIC CONDITIONS	COMPLIANCE STATUS
i.	Environment clearance accorded is for grain-based distillery unit (120 KLPD) only and no molasses-based distillery unit shall be operated without prior permission from the Ministry.	The Distillery plant has obtained Environmental Clearance for only grain-based distillery unit (120 KLPD) via letter no. J-1101/263/2010-IA-II(I) dated 26 th September 2012. Therefore, no molasses-based distillery unit will be operated without prior permission from the ministry.
ii.	Efforts shall be made to reduce PM10 levels in the ambient air and a time-bound action plan shall be submitted. As proposed, Multicyclone followed by bag filters along with stack of adequate height shall be provided to rice husk/coal fired boiler to control particulate emissions within 50 mg/Nm ³ . At no time, the emission levels shall go beyond the prescribed standards. In the event of failure of any pollution control system adopted by the unit, the respective unit shall not be restarted until the control measures are rectified to achieve the desired efficiency.	<p>The project proponent has taken the following efforts to reduce PM10 levels in the ambient air-</p> <ol style="list-style-type: none"> 1. The industry has installed ESP with bag filters to control particulate matters. 2. Water sprinkling on the road and at loading and unloading point locations. 3. Developed greenbelt. <p>Photographs showing pollution control equipment at the plant site are attached as Annexure 1.</p> <p>The unit has provided ESP and bag filter for each stack followed by multi-cyclone system to keep particulate emissions below 50 mg/Nm³.</p> <p>To maintain emission level, the company has installed a continuous online monitoring system to track particulate levels, and regular checks are carried out to ensure emissions stay within the allowed limits. The results from the emission tests is attached as Annexure 2.</p> <p>Interlocking facilities are provided so that the process will automatically stop in case of failure of any pollution control system of the unit and the respective unit will not start until the control measures are not rectified.</p>
iii.	The National Ambient Air Quality Emission Standards issued by the Ministry vide	Ambient air quality monitoring on the uniform basis is carried out considering the National

S.No.	SPECIFIC CONDITIONS	COMPLIANCE STATUS
	G.S.R. No. 826(E) dated 16th November, 2009 shall be followed.	Ambient Air Quality Emission standards issued by the ministry vide G.S.R. No. 826 (E) dated 16 th November 2009. Test results for monitoring conducted in the month of December 2024 for ambient air quality are enclosed as Annexure 3 .
iv.	In plant, control measures for checking fugitive emissions from all the vulnerable sources shall be provided. Fugitive emissions shall be controlled by providing closed storage, closed handling & conveyance of chemicals/materials, multi-cyclone separator and water sprinkling system. Dust suppression system including water sprinkling system shall be provided at loading and unloading areas to control dust emissions. Fugitive emissions in the work zone environment, product, raw materials storage area etc. shall be regularly monitored and records should be maintained. The emissions shall conform to the limits imposed by Punjab Pollution Control Board (PPCB).	The control measure for checking fugitive emission is provided to all vulnerable sources to control fugitive emissions. The industry has adopted the following measures to control fugitive emission: <ol style="list-style-type: none"> 1. Regular sweeping of the roads is being / will be done. 2. All the roads are asphalted. 3. Adequate greenbelt around the periphery and within premises is already in place and the same is being/ will be maintained. 4. Raw materials are properly stored in covered storage areas. 5. Water sprinkling is being / will be done to minimize fugitive dust. 6. Covered conveyor belts are used for the transportation of raw materials Photographs showing asphalted roads and conveyor belts are attached as Annexure 4 . The industry conducts regular monitoring of fugitive emissions and maintains detailed records to ensure compliance with regulatory standards. The emissions meet the norms imposed by the Central Pollution Control Board (CPCB).
v.	The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB guidelines. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution.	The industry operates DG sets with a stack height of 10.5 meters from ground level, used as a backup during emergencies. Each DG set is equipped with acoustic enclosures to effectively control noise emissions, ensuring compliance with noise regulations.

S.No.	SPECIFIC CONDITIONS	COMPLIANCE STATUS
		<p>The industry also conducts timely monitoring of DG set emissions to maintain standards and meet environmental guidelines.</p>  <p>Photograph showing DG set with acoustic enclosure</p>
vi.	<p>The company shall upload the status of compliance of the stipulated environmental clearance conditions, including results of monitored data on its website and shall update the same periodically. It shall simultaneously be sent to the regional office of MOEF, the respective Zonal office of CPCB and the PPCB. The levels of PM₁₀, SO₂, NO_x, CO and HC (Methane) in ambient air shall be monitored and displayed at a convenient location near the main gate of the company and at important public places.</p>	<p>The company ensures compliance with the stipulated environmental clearance conditions by regularly updating and publishing the status and monitoring data results on its website and the Parivesh portal 2.0. These updates are made periodically to promote transparency.</p> <p>The company also submits reports to the Ministry of Environment, Forest and Climate Change (MoEF&CC) regional office, the respective Zonal Office of the Central Pollution Control Board (CPCB), and the Punjab Pollution Control Board (PPCB) to ensure adherence to regulations.</p> <p>The plant monitors ambient air levels of PM₁₀, SO₂, NO_x, CO, and HC (Methane), with results displayed at the main gate for public awareness.</p>

S.No.	SPECIFIC CONDITIONS	COMPLIANCE STATUS
		
vii.	<p>Total fresh water requirement for distillery including CPP shall not exceed 10 KL/KL of the alcohol production (i.e., 1200 m3/day). Prior permission for the drawl of 1200 m3/day shall be obtained from the Central Ground Water Authority/State Ground Water Board. A copy of water permission from concerned Authority shall be submitted to the Ministry's Regional Office at Chandigarh.</p>	<p>The Project authority keeps a note that total fresh water requirement for distillery including CPP does not exceed 10 KL/KL of the alcohol production. Scan copy of log book, maintained to record fresh water usage for last six months is attached as Annexure 5A.</p> <p>NOC for ground water withdrawal obtained from Central Ground Water Authority via Letter No. 21-4(413)/NWR/CGWA/2011-400 dated 13th Apr'2011 is attached as Annexure 5B.</p> <p>The industry has also obtained permission for extracting groundwater from Punjab Water Regulation and Development Authority. The copy of the same is attached as Annexure 5C.</p> <p>A copy of the permission has been submitted to the Regional Office in Chandigarh.</p>
viii.	<p>Efforts shall be made to reduce the fresh water requirement from ground water source by adopting 3 R's (Reduce, Reuse and Recycle) concept.</p>	<p>The company has adopted to reduce fresh water requirement from ground water source by adopting 3 R's using following measures:</p> <p>(A) Reuse:</p> <ol style="list-style-type: none"> 1. Ash is being given to bricks manufactures. <p>(B) Recycle:</p>

S.No.	SPECIFIC CONDITIONS	COMPLIANCE STATUS
		<p>1. After decanter-generated thin slops are fed to MEE (Multi-effect Evaporator) generated condensate is being fed to ETP/CPU & Treated water from ETP is being recycled for cooling towers, and used for dust suppression and horticulture.</p> <p>(C) Recovery: The DDGS recovered from decantation and evaporation process is being sold for cattle feeding. The process being used to make efforts to reduce the fresh water requirement from ground water is shown in Annexure 6.</p>
ix.	<p>Spent wash generation shall not exceed 6 Kl/Kl of alcohol production (i.e., 720 KLPD). As proposed spent wash shall be passed through decanter and concentrated in multi-effect evaporator. Thick syrup and wet cake shall be mixed together to form DWGS to achieve 'zero' discharge. Spent lees, MEE condensate and Utilities wastewater shall be treated in ETP and water quality of treated effluent shall meet the norms prescribed by CPCB/SPCB and treated effluent shall be recycled/reused within the factory premises.</p>	<p>Following measures have been adopted for water conservation after treating spent wash.</p> <ol style="list-style-type: none"> Spent Wash: Thick slops (spent wash) are put through decanter to separate the solids in the form of wet cake. Thin Slops from the Decanter Centrifuge are partly recycled back to process and partly taken to Thins Slops Evaporation Plant for concentration of remaining solids to form thick Syrup. This Syrup is mixed with Wet Cake coming out of Decanter Centrifuge. (Also known as Distillers Wet Grain Soluble – Collectively known as DWGS). DWGS is taken to a dryer operating on steam and is dried to make it DDGS – Distillers Dried Grain Soluble. DDGS is sold as cattle feed. Spent Lees: The spent lees from primary distillation column (pre-rectifier) are recycled into liquefaction process and are utilized as dilution

S.No.	SPECIFIC CONDITIONS	COMPLIANCE STATUS
		<p>water for incoming flour to make slurry.</p> <p>3. Process condensate from Multi – Effect Evaporator (MEE) is being/will be cooled and collected into a neutralization tank with sufficient residence time. After neutralization and filtration this process condensate is being/will be recycled back to the process.</p> <p>4. For effective recycling of waste 3+1 stage MEE along with dryer has already been installed. MEE condensate is treated in CPU and recycled back in the process. Other waste is treated in the state of art ETP and completely reused.</p> <p>5. Boiler blow down: Waste water generated from boiler blow down is being/ will be completely recycled into cooling towers and ash quenching.</p> <p>6. Cooling Tower Blow down: Cooling tower blow down is being/ will be utilized completely internally.</p> <p>7. The industry on regular basis carries out waste water analysis to conform to the standards prescribed under Environment (Protection) Rules, 1986.</p> <p>The treated effluent monitoring results for October 2024 to March 2025 (both by NABL laboratory and Punjab Pollution Control Board) have been attached as Annexure-7.</p>
x.	No effluent from distillery and co-generation power plant shall be discharged outside the factory premises and ‘Zero’ effluent discharge concept shall be adopted.	The industry is completely based on Zero Liquid Discharge process. The Effluent generated from process is treated in Effluent Treatment Plant and treated water is recycled back to the plant.

S.No.	SPECIFIC CONDITIONS	COMPLIANCE STATUS
xi.	Distiller's Wet Grains with Soluble (DWGS) shall be fed to the dryer to form Distiller's Dry Grains with Soluble (DDGS).	Distillers dried grains with soluble (DDGS) is a widely used cattle feed which is formed by drying Distillers Wet Grains with Soluble (DWGS).
		
	DDGS Packed in Bags	DDGS Bags in Godown
xii.	Process effluent/any wastewater shall not be allowed to mix with storm water. Storm water drain shall be passed through guard pond.	There are different drains for process effluent/waste water and storm water to pass. Therefore, the two does not mix in any case. Photograph showing garland drain has been attached as Annexure 8 .
xiii.	No storage of wet cake should be done at site to avoid odour problem.	This is ensured that wet cake is not stored at the site and immediately processed in dryer to form DDGS.
xiv.	Spent wash shall be stored in impervious lagoon with HDPE lining as per CPCB guidelines and shall be kept in proper condition to prevent ground water pollution. Storage capacity of spent wash lagoon shall be for 5 days.	Spent wash is stored in impervious pucca lagoon (spent wash holding tank) having proper lining with HDPE and is kept in proper condition to prevent ground water pollution. It is also ensured that the storage of the spent wash is as per CPCB recommendation. Photographs Showing Lagoon attached as Annexure 8A .
xv.	Adequate numbers of ground water quality monitoring stations by providing piezometers around the project area shall be set up. Sampling and trend analysis monitoring must be made on monthly a basis and report submitted to SPCB and this Ministry. The ground water quality monitoring for pH, BOD, COD, Chloride,	The company has installed piezometers around the project area to monitor groundwater quality. The latest groundwater quality monitoring results, are attached as Annexure 9 . These results are submitted to the respective authorities, including the Ministry's Regional Office in Chandigarh and the Punjab Pollution

S.No.	SPECIFIC CONDITIONS	COMPLIANCE STATUS
	Sulphate and Total Dissolve Solids shall be monitored and report submitted to the Ministry's Regional Office at Chandigarh and PPCB.	Control Board (PPCB), along with the six-monthly compliance reports.
		
Photograph showing piezometers		
xvi.	Rice husk storage shall be done in such a way that it does not get air borne or fly around due to wind. For this, it shall be kept in wet form.	Raw materials are stored in covered yards, so that it does not get air borne or fly around due to wind. 
xvii.	Boiler ash shall be stored separately as per CPCB guidelines so that it shall not adversely affect the air quality, becoming air borne by wind or water regime during rainy season by flowing along with the storm water. Direct exposure of workers to fly ash & dust shall be avoided.	The industry takes utmost care to prevent boiler ash from becoming airborne. Boiler ash is stored separately in silos and transported in covered trucks to avoid any impact on air quality. Measures are in place to ensure that fly ash dust does not affect the workers, and direct exposure is strictly avoided. These precautions are in line with CPCB guidelines to prevent ash from being carried by wind or stormwater during the rainy season.

S.No.	SPECIFIC CONDITIONS	COMPLIANCE STATUS
xviii.	Proper utilization of fly ash shall be ensured as per Fly Ash Notification, 1999 as amendment in 2003. Fly ash shall be provided to cement and brick manufacturers for further utilization.	Fly ash from the boilers is given to brick manufacturers. MoU signed with brick manufacturers has been attached as Annexure 10 .
xix.	Detailed plan for disposal of boiler ash shall be submitted to the Ministry's regional office at Chandigarh within 1 month from dated of issue of letter.	A detailed plan for the disposal of boiler ash has been submitted to the Ministry's Regional Office at Chandigarh within one month from the date of issue of the letter.
xx.	Firefighting system shall be as per the OISD 117 norms and cover all areas where alcohol is produced, handled and stored. Provision of foam system for firefighting shall be made to control fire from the alcohol storage tank.	The company has made arrangements for protection of fire hazards which are as follows: <ol style="list-style-type: none"> 1. Easy accessibility of firefighting facilities such as fire water pumps and fire alarm stations. 2. Adequate dust suppression measures are provided to prevent fugitive emission and also risk of fire. Similar measures are also adopted for loading/unloading operations. 3. All necessary medical facilities for first aid are already there in the factory premises. 4. Emergency escape route is marked at all places in the industry towards designated assembly point. 5. Firefighting measures are already available at the alcohol storage area. Photograph showing firefighting measures adopted within plant premises have been attached as Annexure 11 .
xxi.	Risk Assessment shall be carried to assess the fire and explosion risk due to storage of alcohol and report submitted to the Ministry and its Regional Office at Chandigarh within six months.	The industry regularly undertakes Risk assessment to assess the fire and explosion risk due to storage of alcohol impact assessment study.

S.No.	SPECIFIC CONDITIONS	COMPLIANCE STATUS
		Risk Assessment report prepared by the industry to assess the fire and explosion risk due to storage of alcohol is attached as Annexure 12 .
xxii.	Occupational health surveillance program shall be undertaken as regular exercise for all the employees. The first aid facilities in the occupational health center shall be strengthened and the regular medical test records of each employee shall be maintained separately.	<p>1. The company is vigilant about the occupational health and safety of its workers.</p> <p>2. Proper display boards/ safety signs have been provided at various locations within the plant premises to generate awareness amongst the workers regarding work safety.</p> <p>The company ensures to conduct medical examination of the workers by a medical practitioner on timely basis to keep a check on the health status of the people employed in the company. The company undertakes occupational health surveillance program on regular basis and records maintained as per the Factories Act for future reference. Last Medical Health reports of the workers have been attached as Annexure 13.</p> <p>Photographs showing safety signs installed in the plant premises are attached as Annexure 14.</p>
xxiii.	Dedicated parking facility for loading and unloading of material shall be provided in the factory premises. Unit shall develop and implement good traffic management system for their incoming and outgoing vehicles to avoid congestion on the public road.	<p>Proper parking facility is provided in the plant premises for loading and unloading of material.</p> <p>Unit has developed a good traffic management system in the plant premises.</p> <p>Photographs showing parking facilities to vehicles for loading and unloading of material are attached as Annexure 15.</p>
xxiv.	Green belt shall be in 33 % area to mitigate the effects of fugitive emissions all around the plant as per CPCB guidelines in consultation with the local DFO. Thick greenbelt with suitable plant species shall	The industry has developed a greenbelt and plantation area, which will be maintained in the future. Photographs of the developed greenbelt and plantation are attached as Annexure 16 .

S.No.	SPECIFIC CONDITIONS	COMPLIANCE STATUS
	be developed around the proposed distillery to mitigate the odour problem	
xxv.	All the commitments made during the Public Hearing/Public Consultation meeting held on 18th April, 2011 shall be satisfactorily implemented and adequate budget provision shall be made accordingly.	All the commitments made during the Public Consultant are being implemented with adequate budget provision decided.
xxvi.	Provision shall be made for the housing for the construction labor within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile sewage treatment plant, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structure to be removed after the completion of the project. All the construction wastes shall be managed so that there is no impact on the surrounding environment.	All provisions were made for the housing of the construction labor with all necessary facilities during construction phase of the project and this is the operation phase of the plant.
S. No.	GENERAL CONDITIONS	COMPLIANCE STATUS
i.	The project authorities shall strictly adhere to the stipulations made by the Punjab Pollution Control Board.	The industry strictly adheres to the stipulations made by the State Government, Central Pollution Control Board, State Pollution Control Board and any other statutory authority. Renewed Copy of consent to operate for air and water with Certificate No. CTOA/Renewal/SAS/2024/25190889 dated 25/04/2024 & CTOW/Renewal/SAS/2023/25190999 dated 25/04/2024 is attached as Annexure 17 & Annexure 18

ii.	<p>No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests. 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 measures required, if any.</p>	<p>Rajasthan Liquors Ltd. ensures that no further expansion or modification in the plant will be done without prior approval of the Ministry, Forest & Climate Change (MoEFCC). Prior approval will be taken from the concerned authority if required.</p> <p>The company further applied for the expansion of Grain based distillery from 120 KLPD to 145.2 KLPD by modernization and efficiency improvement at industrial FEZ, Village Haripur Hinduan & Saidpura, Tehsil Derabassi, District SAS Nagar (Mohali), Punjab in MoEF&CC, New Delhi and acquired Environmental Clearance vide letter no. J-11011/263/2010-IA II(I) dated 21st February, 2020 (Copy is attached as Annexure 19). No work has been started with respect to new EC obtained.</p>
iii.	<p>The locations of ambient air quality monitoring stations shall be decided in consultation with the Punjab Pollution Control Board (PPCB) and it shall be ensured that at least one station is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.</p>	<p>The locations of the ambient air quality monitoring stations were determined in consultation with the Punjab Pollution Control Board (PPCB). One station has been installed in both the upwind and downwind directions, in accordance with the NAAQMS guidelines, and at locations where maximum ground-level concentrations are anticipated.</p>
iv.	<p>The overall noise levels in and around the plant area shall be kept well within the standards 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).</p>	<p>The overall noise levels in and around the plant area is being kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall confirm to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz 75 dBA (day time) and 70 dBA (night time). Last Noise Level Monitoring results is attached as Annexure-20</p>
v.	<p>The Company shall harvest rainwater from the roof-tops of the buildings and storm water drains to recharge the ground water and use the same water for the process</p>	<p>As per the instructions of the Punjab Pollution Control Board (PPCB), industries categorized as 'Red' are prohibited from having in-house rainwater harvesting systems. Consequently, no</p>

	activities of the project to conserve fresh water.	rainwater harvesting systems are currently installed.
vi.	The Company shall obtain Authorization for collection, storage and disposal of hazardous waste under the Hazardous Waste (Management, Handling and Trans-boundary Movement) Rules, 2008 and its amendment time to time and prior permission from PPCB shall be obtained for disposal of solid / hazardous waste including boiler ash.	<p>The hazardous waste generated from the plant are used oil and boiler ash.</p> <p>Used oil & grease generated from plant machinery/gear boxes as hazardous waste are being / will be sold out to the CPCB authorized recyclers.</p> <p>Regular manifest is submitted for hazardous waste.</p> <p>Manifest is attached as Annexure 21.</p> <p>Agreement has been done for hazardous waste disposal, the copy of the same is attached as Annexure 22.</p> <p>Boiler ash from the boilers is given to brick manufacturers, agreement with Brick manufacturer has been attached as Annexure 10.</p>
vii.	During transfer of materials, spillages shall be avoided and garland drains be constructed to avoid mixing of accidental spillages with domestic wastewater and storm water drains.	<p>Proper garland drains are constructed inside the plant premises to avoid mixing of accidental spillages with domestic wastewater and storm water drains.</p> <p>Photograph of Garland drain has been shown in Annexure 8.</p>
viii.	Usage of Personnel Protection Equipments by all employees/ workers shall be ensured.	The industry ensures that all employees/workers use Personnel Protection Equipment such as goggles, rubber gumboots, face shield helmet etc keeping in mind the safety.

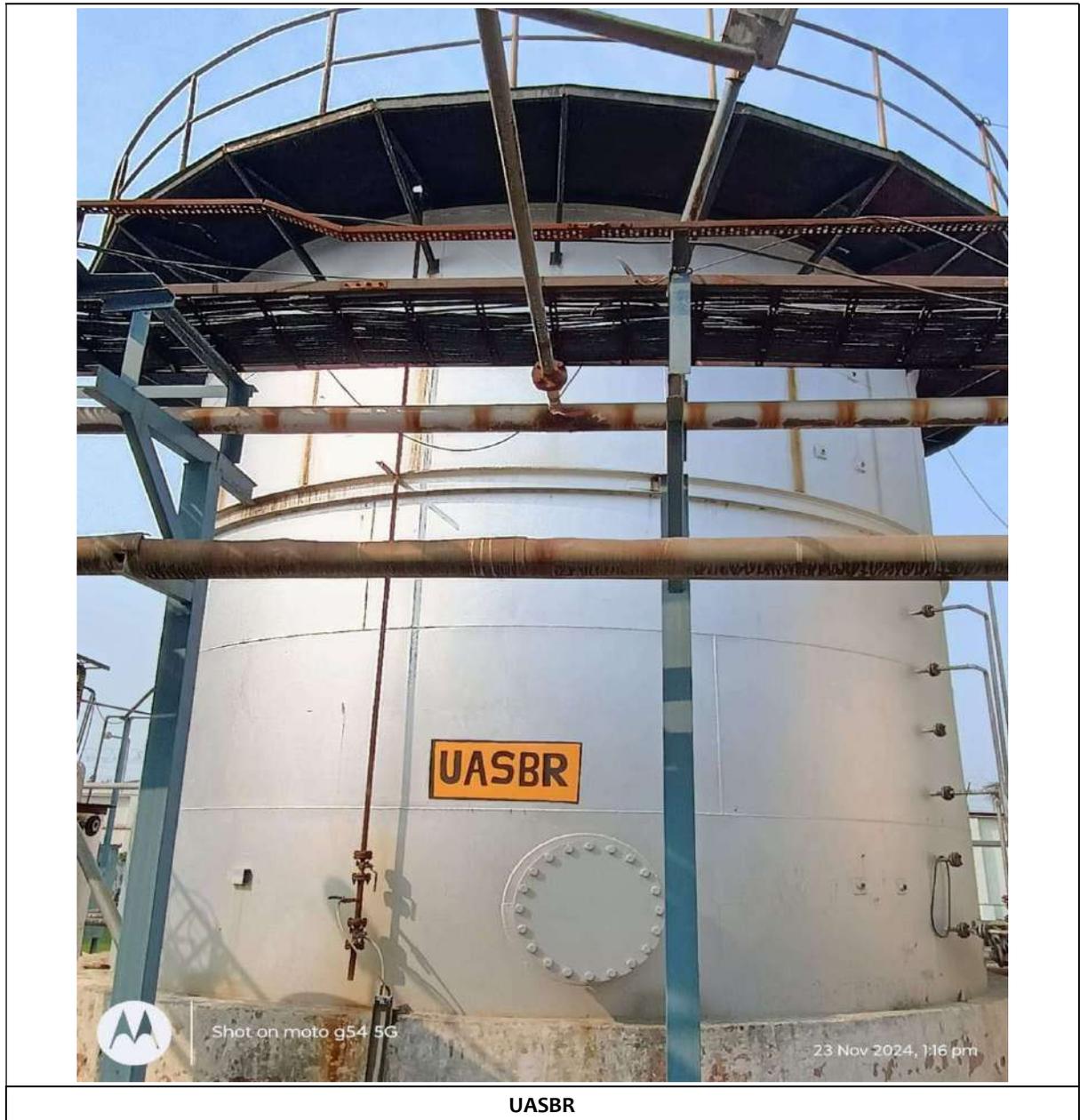
		 <p>Photograph showing workers working with PPE.</p>
ix.	<p>Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.</p>	<p>Training is imparted to all employees pertaining to their health and safety. It is always ensured to conduct pre-employment and routine medical examination of the employees on regular basis.</p>
x.	<p>The company shall also comply with all the environmental protection measures and safeguards proposed in the project report submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, risk mitigation measures and public hearing relating to the project shall be implemented.</p>	<p>The company complies with environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All recommendations made in EIA/EMP report in respect of environmental management and risk mitigation measures relating to the project are being/will be implemented efficiently.</p>
xi.	<p>The company shall undertake CSR activities and all relevant measures for improving the socio-economic conditions of the surrounding area.</p>	<p>The company has already taken various measures to improve the socio-economic conditions of the area. The company ensures to work efficiently in future as well. The detail related to the CSR activities is attached as Annexure-23.</p>

xii.	The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.	The company has already undertaken eco-developmental measures including community welfare measures like farmers training for advanced agriculture techniques, awareness training program in school of nearby villages for the overall improvement of the environment.
xiii.	A separate Environmental Management Cell equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.	<p>A separate environmental management cell equipped with full-fledged laboratory facilities has been set up to carry out the environmental management and monitoring functions.</p>  <p>Photograph Showing Laboratory inside plant premises.</p>
xiv.	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 who suggestions/representations, if any, were received while processing the proposal.	A copy of the clearance letter was sent to concerned authorities. No suggestions were received while processing the proposal.
xv.	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, the respective Zonal Office of CPCB and the Punjab Pollution Control Board. A copy of the Environmental Clearance and six-monthly compliance status report shall be posted on the website of the company.	<p>The company ensures to submit six monthly compliance reports on timely basis including results of monitored data (both in hard copies as well as by email) to the respective Regional Office of MoEFCC, the respective Zonal office of CPCB and SPCB</p> <p>The submission Receipt of the last compliance report (October 2024- March 2025) is attached as Annexure 24.</p>

xvi.	The environmental statement for each financial year ending 31 st March in Form-V as is mandated shall be submitted to the Punjab Pollution Control Board as prescribed under the Environment (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 Chandigarh Regional Offices of MoEF by e-mail.	Agreed and is being complied with. Environmental Statement Report (Form V) is regularly been submitted to the Punjab Pollution Control Board. The last ESR for the financial year 2024-2025 was sent to the board and copy of mail sent to Chandigarh Regional Office, MoEFCC is attached as Annexure 25 .
xvii.	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 http://envfor.nic.in . This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers 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.	The project proponent has already informed the public that the project has been granted environmental clearance by the MoEFCC and public notice was advertised in the local newspaper after obtaining the Environmental Clearance letter. The advertisement given in both newspapers is attached as Annexure 26 .
xviii.	The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.	Agreed to the condition stated and complied.



Annexure 1 Photographs showing Pollution Control equipment





RO Plant



Electro-Static Precipitator



Bag Filter Feeding Point



TEST CERTIFICATE

Format No. CPTLF7.8-I(A)

REPORTING DATE: 26-12-2024

REPORT No. CPTL/2024/12/61(A)

NAME OF INDUSTRY: **M/s. RAJASTHAN LIQUOR LTD. (DISTILLERY),
 VILL.- HARIPUR HINDUAN, BARWALA ROAD,
 DERA BASSI, DISTT.- SAS NAGAR, MOHALI (P.B).**

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:	21-12-2024	Environmental Conditions:	Normal
Date of Sample Received in Lab.:	23-12-2024	Analysis Duration:	23-12-2024 to 26-12-2024
Sample Identification No.:	CPTL/2024/12/61(A)	Sample Collected By:	Amrit Singh & Team
Nature of Sample:	Air Sample		

TECHNICAL DATA

1.	Name of Plant/Section	DG Set (1010 KVA) (S. No. SYC05963)
2.	Source of Emission	Burning of Fuel
3.	*Type Of Fuel/Quantity	Diesel@ 88.0 ltr/hr
4.	Location of Sampling Point	As per Standard
5.	*Diameter of Stack	10.0" (Top) ; 10.0" (Bottom)
6.	*Height of Stack	7.0 meter from Ground Level
7.	Sampling Time	35 minutes
8.	Ambient Air Temperature	21.4°C
9.	Stack Air Temperature	197°C
10.	Velocity of Flue Gases	23.2 m/sec
11.	*APCD	NA

<u>PARAMETERS</u>	<u>RESULTS</u>	<u>PRESCRIBED STANDARD BY CPCB</u>	<u>TEST METHOD</u>
Particulate Matter (PM), mg/Nm ³	41.8	75	IS:11255 (P-1) 1985 (RA:2019)
Nitrogen Dioxide (NO ₂) mg/Nm ³	310	1458	IS:11255 (P-7) 1988 (RA:2022)
Carbon Monoxide (CO) mg/Nm ³	41.4	150	IS:13720: 1992

*represent the information provided by the customer
NA-Not Applicable

[Signature]
 Chemist in Charge
 Date: 26/12/2024

[Signature]
 Sital Singh (CEO)
 (Authorized Signatory)
 Date: 26/12/2024

- 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)
NABET Accredited EIA Consultant



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(N)

REPORTING DATES: 26-12-2024

REPORT No. CPTL/2024/12/10(N)

NAME OF INDUSTRY: M/s. RAJASTHAN LIQUOR LTD. (DISTILLERY),
VILL.- HARIPUR HINDUAN, BARWALA ROAD,
DERA BASSI, DISTT.- SAS NAGAR, MOHALI (P.B.)

SAMPLE PARTICULARS

Sampling Plan Ref No.:	CPTLF 7.3-I	Type of Sample:	D.G Set Noise
Sampling Method:	CPTL/SM/01	Point of Sample:	1.0 meter from Canopy
Date of Monitoring.:	21-12-2024	Environmental Conditions:	Normal
Sample Identification No.:	CPTL/2024/12/10(N)	Sample Collected By:	Amrit Singh & Team
Nature of Sample:	Noise Level Monitoring		

TECHNICAL DATA

1.	Source of Noise Pollution	DG Set
2.	*Make of D.G. Set	Caterpillar
3.	*Capacity of D.G. Set	1010.0 KVA
4.	*S. No. of D. G. Set	SYC05963
5.	*Date of Manufacturing of D.G. Set	2013
6.	*Date of Installation of D.G. Set	Not Mentioned

PARAMETERS	RESULTS dB(A)	PRESCRIBED STANDARD dB (A)	TEST METHOD
DG Set Off	66.9	--	IS 9989:1981(Rev.2002)
DG Set On (At 1.0 meter from enclosure surface)	71.2	Max. 75	IS 9989:1981(Rev.2002)

* represent the information provided by the customer.

[Signature]
Chemist In-Charge
Date: 26/12/24

[Signature]
Sital Singh (CEO)
(Authorized Signatory)
Date: 26/12/2024

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END OF REPORT



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Phone : 0172-4669295
Lab : E-126, Phase-VII, Indl. Area, Mohali - 160055
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E-mail : cptle126@gmail.com ; lab@cptl.co.in
Website : www.cptl.co.in



TEST CERTIFICATE

Format No. CPTLF7.8-I(A)

REPORTING DATE: 26-12-2024

REPORT No. CPTL/2024/12/63(A)

NAME OF INDUSTRY:	M/s. RAJASTHAN LIQUOR LTD. (DISTILLERY), VILL.- HARIPUR HINDUAN, BARWALA ROAD, DERA BASSI, DISTT.- SAS NAGAR, MOHALI (P.B).
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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:	21-12-2024	Environmental Conditions:	Normal
Date of Sample Received in Lab.:	23-12-2024	Analysis Duration:	23-12-2024 to 26-12-2024
Sample Identification No.:	CPTL/2024/12/63(A)	Sample Collected By:	Amrit Singh & Team
Nature of Sample:	Air Sample		

TECHNICAL DATA

1.	Name of Plant/Section	DG Set (500.0 KVA) (S. No. FTJ00778)
2.	Source of Emission	Burning of Fuel
3.	*Type Of Fuel/Quantity	Diesel@ 45.0 ltr/hr
4.	Location of Sampling Point	As per Standard
5.	*Diameter of Stack	8.0" (Top) ; 10.0" (Bottom)
6.	*Height of Stack	7.0 meter from Ground Level
7.	Sampling Time	35 minutes
8.	Ambient Air Temperature	21.9°C
9.	Stack Air Temperature	185°C
10.	Velocity of Flue Gases	21.3 m/sec
11.	*APCD	NA

PARAMETERS	RESULTS	PRESCRIBED STANDARD BY CPCB	TEST METHOD
Particulate Matter (PM), mg/Nm ³	41.4	75	IS:11255 (P-1) 1985 (RA:2019)
Nitrogen Dioxide (NO ₂) mg/Nm ³	308	1458	IS:11255 (P-7) 1988 (RA:2022)
Carbon Monoxide (CO) mg/Nm ³	41.0	150	IS:13720: 1992

*represent the information provided by the customer
NA-Not Applicable

Amrit Singh
Chemist In Charge
Date: 26/12/2024

Sital Singh
Sital Singh (CEO)
(Authorized Signatory)
Date: 26/12/2024

- The results are related to test items only.
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- Sample will be destroyed after retention time unless otherwise specified

END OF REPORT



CHANDIGARH POLLUTION TESTING LABORATORY

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

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Phone : 0172-4669295

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

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

Website : www.cptl.co.in



TEST CERTIFICATE

Format No. CPTLF7.8-I(N)

REPORTING DATES: 26-12-2024

REPORT No. CPTL/2024/12/11(N)

NAME OF INDUSTRY:

M/s. RAJASTHAN LIQUOR LTD. (DISTILLERY),
VILL.- HARIPUR HINDUAN, BARWALA ROAD,
DERA BASSI, DISTT.- SAS NAGAR, MOHALI (P.B).

SAMPLE PARTICULARS

Sampling Plan Ref No.:	CPTLF 7.3-1	Type of Sample:	D.G Set Noise
Sampling Method:	CPTL/SM/01	Point of Sample:	1.0 meter from Canopy
Date of Monitoring.:	21-12-2024	Environmental Conditions:	Normal
Sample Identification No.:	CPTL/2024/12/11(N)	Sample Collected By:	Amrit Singh & Team
Nature of Sample:	Noise Level Monitoring		

TECHNICAL DATA

1.	Source of Noise Pollution	DG Set
2.	*Make of D.G. Set	Caterpillar
3.	*Capacity of D.G. Set	500.0 KVA
4.	*S. No. of D. G. Set	FTJ00778
5.	*Date of Manufacturing of D.G. Set	2013
6.	*Date of Installation of D.G. Set	Not Mentioned

PARAMETERS	RESULTS dB(A)	PRESCRIBED STANDARD dB (A)	TEST METHOD
DG Set Off	69.1	--	IS 9989:1981(Rev.2002)
DG Set On (At 1.0 meter from enclosure surface)	70.6	Max. 75	IS 9989:1981(Rev.2002)

* represent the information provided by the customer.

[Signature]
 Chemist In-Charge
 Date: 26/12/24

[Signature]
 Sital Singh (CEO)
 (Authorized Signatory)
 Date: 26/12/24

- 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.
- Sample will be destroyed after retention time unless otherwise specified.

END OF REPORT



CHANDIGARH POLLUTION TESTING LABORATORY

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

NABET Accredited EIA Consultant



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)

REPORTING DATE: 26-12-2024

REPORT No. CPTL/2024/12/64(A)

NAME OF INDUSTRY: M/s. RAJASTHAN LIQUOR LTD. (DISTILLERY),
VILL.- HARIPUR HINDUAN, BARWALA ROAD,
DERA BASSI, DISTT.- SAS NAGAR, MOHALI (P.B).

SAMPLE PARTICULARS

Sampling Plan Ref No.:	CPTLF 7.3-I	Type of Sample:	Ambient Air
Sampling Method:	CPTL/SM/01	Location of Sampling Station:	Near Main Gate
Date of Sample Collection:	21-12-2024	Environmental Conditions:	Normal
Date of Sample Received in lab.:	23-12-2024	Analysis Duration:	23-12-2024 to 26-12-2024
Sample Identification No.	CPTL/2024/12/64(A)	Sample Collected By:	Amrit Singh & Team
Nature of Sample:	Air Sample		

TECHNICAL DATA

1.	Location of sampling station	Near Main Gate
2.	Instrument used for sampling	RDS,FPS Benzene Sampler & Gaseous Attachments
3.	Time period for sampling	480.0 minutes

PARAMETERS	RESULTS	AS PER NAAQS- 2009 PRESCRIBED BY CPCB	TEST METHOD
Particulate Matter (PM ₁₀), µg/m ³	84.5	100	IS 5182 (P-23) : 2006, (RA-2022)
Particulate Matter (PM _{2.5}), µg/m ³	40.0	60	IS: 5182:(P-24):2019
Sulphur dioxide (SO ₂), µg/m ³	6.6	80	IS: 5182 (P-2): (Part 2/Sec 1) : 2023
Nitrogen Dioxide (NO ₂), µg/m ³	15.3	80	IS 5182 (P-6): 2006, (RA-2022)
Ammonia (NH ₃), µg/m ³	ND (DL-20)	400	IS 5182 (P-25): 2018, (RA-2023)
Ozone (O ₃), µg/m ³	20.0	100	IS 5182 (P-9) : 1974, (RA-2019)
Benzene (C ₆ H ₆), µg/m ³	ND (DL-1.8)	05	IS: 5182 (P-11): 2006
Benzo (a) Pyrene (BaP), ng/m ³	ND (DL-0.9)	01	IS: 5182 (P-12): 2004, (RA-2019)
Carbon monoxide (CO), mg/m ³	0.63	4	IS: 5182 (Part-10): 1999, (RA-2019)
Lead (Pb), µg/m ³	ND (DL-0.1)	1.0	IS: 5182 (Part-22): 2004, (RA-2019)
Nickel (Ni), ng/m ³	ND (DL-5.0)	20	IS:5182 (P-26): 2020
Arsenic (As), ng/m ³	ND (DL-0.7)	06	CPCB Guideline, Volume-1: Page No.-47:2011

DL-Detection Limit
ND-Not Detected

Amrit Singh
Chemist In-Charge
Date: 26/12/24

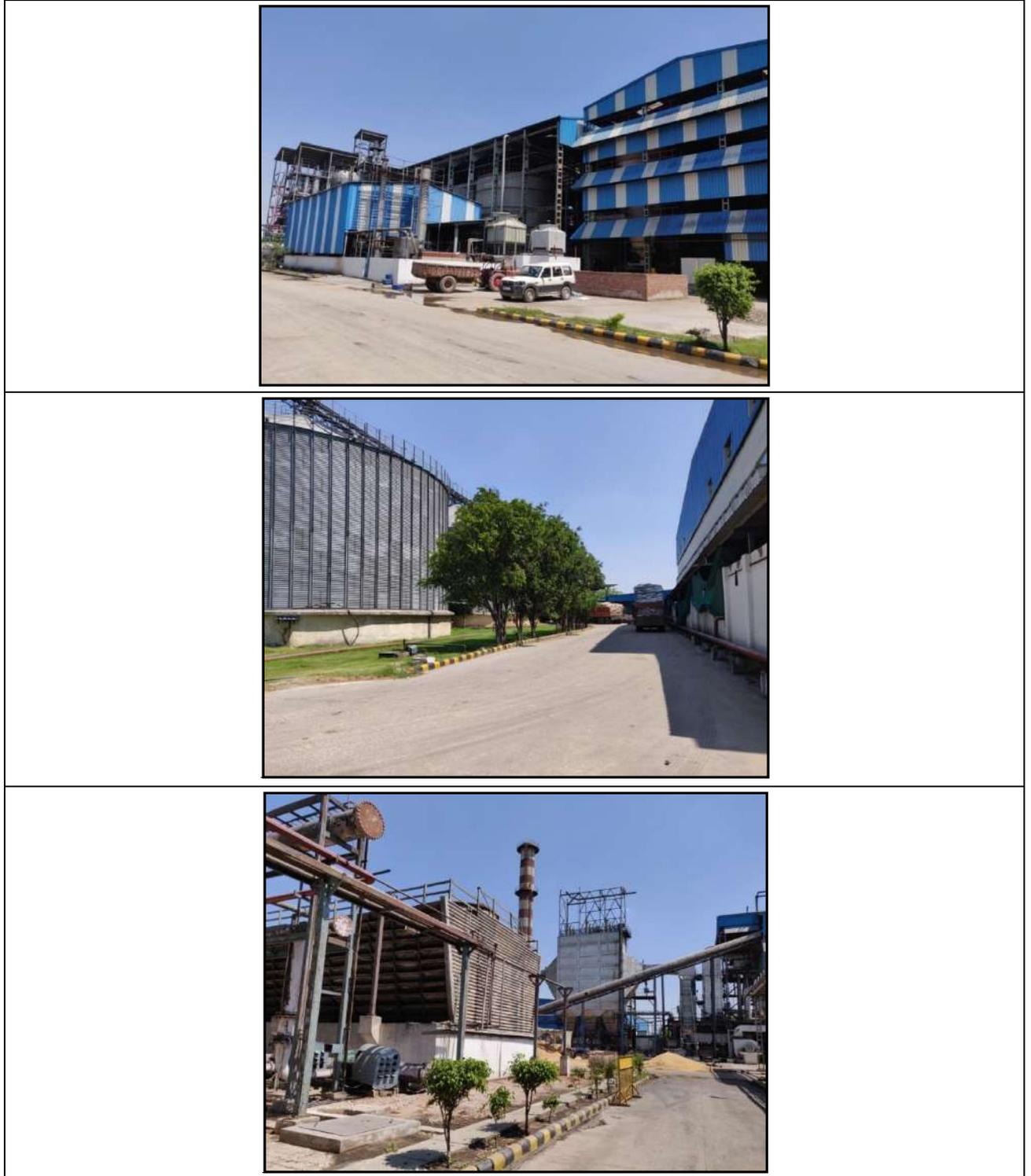
Sital Singh
Sital Singh (CEO)
(Authorized Signatory)
Date: 26/12/24

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END OF REPORT

Page 1 of 1

Annexure 4 Photographs showing Asphalted Roads and Conveyor Belt





RAJASTHAN LIQUORS LTD. (Distillery Division)

RAW WATER CONSUMPTION - MONTH : October - 2024

Date	Borewell (1) Water Consumption			Borewell (2) Water Consumption			Borewell (3) Water Consumption			Remarks
	Initial Reading	Final Reading	Consumption (KI)	Initial Reading	Final Reading	Consumption (KI)	Initial Reading	Final Reading	Consumption (KI)	
01.10.2024	364248	364462	214	440227	440422	195	170839	171028	189	A
02.10.2024	364462	364660	198	440422	440627	205	171028	171218	190	B
03.10.2024	364660	364861	201	440627	440834	207	171218	171390	171	A
04.10.2024	364861	365051	190	440834	441044	210	171390	171523	133	A
05.10.2024	365051	365251	200	441044	441244	200	171523	171681	158	A
06.10.2024	365251	365454	203	441244	441507	263	171681	171864	183	A
07.10.2024	365454	365661	207	441507	441737	230	171864	171998	134	A
08.10.2024	365661	365896	235	441737	442029	292	171998	172168	170	A
09.10.2024	365896	366096	200	442029	442247	218	172168	172331	163	B
10.10.2024	366096	366323	227	442247	442490	243	172331	172523	192	B
11.10.2024	366323	366532	209	442490	442698	208	172523	172676	153	B
12.10.2024	366532	366737	205	442698	442972	274	172676	172879	203	A
13.10.2024	366737	366955	218	442972	443135	253	172879	173028	149	B
14.10.2024	366955	367161	206	443135	443358	223	173028	173242	214	B
15.10.2024	367161	367372	211	443358	443546	188	173242	173456	214	B
16.10.2024	367372	367582	210	443546	443778	232	173456	173655	199	B
17.10.2024	367582	367799	217	443778	443980	202	173655	173798	143	B
18.10.2024	367799	367981	182	443980	444201	221	173798	173955	157	B
19.10.2024	367981	368186	205	444201	444398	197	173955	174060	105	A
20.10.2024	368186	368346	160	444398	444638	240	174060	174164	104	B
21.10.2024	368346	368474	128	444638	444638	-	174164	174164	-	B Borewell shut-down
22.10.2024	368474	368494	20	444638	444638	-	174164	174164	-	B Borewell shut-down
23.10.2024	368494	368494	-	444638	444851	213	174164	174344	180	B
24.10.2024	368494	368619	125	444851	444956	105	174344	174551	207	B
25.10.2024	368619	368863	244	444956	445209	253	174551	174768	217	B
26.10.2024	368863	369059	196	445209	445475	266	174768	174938	170	A
27.10.2024	369059	369235	176	445475	445740	265	174938	175105	167	B
28.10.2024	369235	369455	220	445740	445984	244	175105	175240	135	B
29.10.2024	369455	369704	249	445984	446204	220	175240	175390	150	B
30.10.2024	369704	369903	199	446204	446375	171	175390	175601	211	B
31.10.2024	369903	370091	188	446375			175601	175845	244	B

RAJASTHAN LIQUORS LTD. (Distillery Division)

RAW WATER CONSUMPTION - MONTH: NOVEMBER - 2024

Date	Borewell (1) Water Consumption			Borewell (2) Water Consumption			Borewell (3) Water Consumption			Remarks
	Initial Reading	Final Reading	Consumption (KI)	Initial Reading	Final Reading	Consumption (KI)	Initial Reading	Final Reading	Consumption (KI)	
01.11.2024	370091	370277	186	446540	446766	226	175845	175992	147	B
02.11.2024	370277	370479	202	446766	446978	212	175992	176197	205	B
03.11.2024	370479	370691	212	446978	447248	270	176197	176419	222	B
04.11.2024	370691	370887	196	447248	447478	230	176419	176575	156	B
05.11.2024	370887	371086	199	447478	447736	258	176575	176778	203	B
06.11.2024	371086	371277	191	447736	447998	262	176778	176913	135	B
07.11.2024	371277	371277	-	447998	448337	339	176913	177208	295	B <small>Boze No.1 Not Run- due to technical prob.</small>
08.11.2024	371277	371479	202	448337	448563	226	177208	177352	144	B
09.11.2024	371479	371701	222	448563	448783	220	177352	177550	198	B
10.11.2024	371701	371922	221	448783	449001	218	177550	177680	130	B
11.11.2024	371922	372098	176	449001	449217	216	177680	177827	147	B
12.11.2024	372098	372331	233	449217	449441	224	177827	177954	127	B
13.11.2024	372331	372509	178	449441	449657	216	177954	178108	154	B
14.11.2024	372509	372702	193	449657	449819	162	178108	178234	126	B
15.11.2024	372702	372916	214	449819	450052	233	178234	178376	142	B
16.11.2024	372916	373120	204	450052	450232	180	178376	178503	127	B
17.11.2024	373120	373356	236	450232	450430	198	178503	178640	137	B
18.11.2024	373356	373548	192	450430	450623	193	178640	178790	150	B
19.11.2024	373548	373774	226	450623	450828	205	178790	178930	140	B
20.11.2024	373774	374010	236	450828	451005	177	178930	179068	138	B
21.11.2024	374010	374260	250	451005	451199	194	179068	179257	189	B
22.11.2024	374260	374483	223	451199	451417	218	179257	179441	184	B
23.11.2024	374483	374703	220	451417	451609	192	179441	179589	148	B
24.11.2024	374703	374923	220	451609	451782	173	179589	179743	154	B
25.11.2024	374923	375144	221	451782	451926	144	179743	179888	145	B
26.11.2024	375144	375365	221	451926	452098	172	179888	180043	155	B
27.11.2024	375365	375592	227	452098	452251	153	180043	180218	175	B
28.11.2024	375592	375818	226	452251	452458	207	180218	180376	158	B
29.11.2024	375818	376037	219	452458	452653	195	180376	180522	146	B
30.11.2024	376037	376298	261	452653	452844	191	180522	180669	147	B

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RAJASTHAN LIQUORS LTD. (Distillery Division)

RAW WATER CONSUMPTION - MONTH : DECEMBER - 2024

Date	Borewell (1) Water Consumption			Borewell (2) Water Consumption			Borewell (3) Water Consumption			Remarks
	Initial Reading	Final Reading	Consumption (KI)	Initial Reading	Final Reading	Consumption (KI)	Initial Reading	Final Reading	Consumption (KI)	
01.12.2024	376298	376555	257	452844	453046	202	180669	180882	213	A
02.12.2024	376555	376802	247	453046	453252	206	180882	181025	143	B
03.12.2024	376802	377032	230	453252	453411	159	181025	181177	152	A
04.12.2024	377032	377218	186	453411	453575	164	181177	181324	147	B
05.12.2024	377218	377427	209	453575	453755	180	181324	181455	131	A
06.12.2024	377427	377626	199	453755	453961	206	181455	181571	116	A
07.12.2024	377626	377847	221	453961	454153	192	181571	181712	141	A
08.12.2024	377847	378043	196	454153	454314	161	181712	181850	138	A
09.12.2024	378043	378275	232	454314	454550	236	181850	181959	109	A
10.12.2024	378275	378478	203	454550	454754	204	181959	182105	146	A
11.12.2024	378478	378680	202	454754	454942	188	182105	182247	142	A
12.12.2024	378680	378878	198	454942	455093	151	182247	182398	151	A
13.12.2024	378878	379098	220	455093	455217	124	182398	182542	144	B
14.12.2024	379098	379306	208	455217	455432	215	182542	182693	151	A
15.12.2024	379306	379525	219	455432	455617	185	182693	182850	157	B
16.12.2024	379525	379750	225	455617	455784	167	182850	183007	157	B
17.12.2024	379750	379963	213	455784	455935	151	183007	183166	159	B
18.12.2024	379963	380207	244	455935	456096	161	183166	183357	191	A
19.12.2024	380207	380442	235	456096	456287	191	183357	183518	161	A
20.12.2024	380442	380662	222	456287	456481	194	183518	183663	145	A
21.12.2024	380662	380893	229	456481	456630	149	183663	183822	159	B
22.12.2024	380893	381129	236	456630	456778	148	183822	183975	153	B
23.12.2024	381129	381343	214	456778	456973	195	183975	184174	199	B
24.12.2024	381343	381557	214	456973	457094	121	184174	184339	165	B
25.12.2024	381557	381777	220	457094	457277	183	184339	184478	139	B
26.12.2024	381777	382014	237	457277	457462	185	184478	184632	154	B
27.12.2024	382014	382243	229	457462	457661	199	184632	184763	131	B
28.12.2024	382243	382466	223	457661	457908	247	184763	184882	119	B
29.12.2024	382466	382670	204	457908	458068	160	184882	185015	133	B
30.12.2024	382670	382859	189	458068	458245	177	185015	185120	105	B
31.12.2024	382859	383063	210	458245	458436	191	185120	185171	51	B

RAJASTHAN LIQUORS LTD. (Distillery Division)

RAW WATER CONSUMPTION - MONTH: January. 2025

Date	Borewell (1) Water Consumption			Borewell (2) Water Consumption			Borewell (3) Water Consumption			Remarks
	Initial Reading	Final Reading	Consumption (KI)	Initial Reading	Final Reading	Consumption (KI)	Initial Reading	Final Reading	Consumption (KI)	
01.01.2025	383069	383261	192	458436	458590	154	185121	185291	120	B
02.01.2025	383261	383445	184	458590	458701	111	185291	185404	113	B
03.01.2025	383445	383633	188	458701	458771	70	185404	185589	185	B
04.01.2025	383633	383835	202	458771	458840	69	185589	185788	199	A
05.01.2025	383835	384040	205	458840	458990	150	185788	185988	200	A
06.01.2025	384040	384255	215	458990	459128	138	185988	186192	204	A
07.01.2025	384255	384459	204	459128	459190	62	186192	186222	30	B
08.01.2025	384459	384526	67	459190	459226	36	186222	186242	20	B
09.01.2025	384526	384733	207	459226	459339	113	186242	186382	140	A
10.01.2025	384733	384986	253	459339	459664	325	186382	186666	284	A
11.01.2024	384986	385193	207	459664	459891	227	186666	186845	179	A
12.01.2024	385193	385399	206	459891	459989	98	186845	187011	166	A
13.01.2024	385399	385617	218	459989	460106	117	187011	187173	162	A
14.01.2025	385617	385796	179	460106	460232	126	187173	187376	203	A
15.01.2025	385796	385995	199	460232	460360	128	187376	187536	160	A
16.01.2025	385995	386190	195	460360	460497	137	187536	187655	119	A
17.01.2025	386190	386486	296	460497	460707	210	187655	187852	197	A
18.01.2025	386486	386704	218	460707	460909	202	187852	188011	159	ADITYA
19.01.2025	386704	387004	300	460909	461068	159	188011	188141	130	B
20.01.2025	387004	387213	209	461068	461251	183	188141	188319	178	B
21.01.2025	387213	387391	178	461251	461377	126	188319	188511	192	B
22.01.2025	387391	387598	207	461377	461535	158	188511	188661	150	B
23.01.2025	387598	387798	200	461535	461676	141	188661	188841	180	B
24.01.2025	387798	388025	227	461676	461825	149	188841	189050	209	B
25.01.2025	388025	388231	206	461825	461988	162	189050	189261	211	ADITYA
26.01.2025	388231	388410	179	461988	462127	139	189261	189444	183	B
27.01.2025	388410	388610	200	462127	462235	108	189444	189654	210	A
28.01.2025	388610	388816	206	462235	462346	111	189654	189862	208	A
29.01.2025	388816	389024	208	462346	462472	126	189862	190016	154	A
30.01.2025	389024	389232	208	462472	462597	125	190016	190169	153	A
31.01.2025	389232	389449	217	462597	462775	178	190169	190365	196	B 5194

RAJASTHAN LIQUORS LTD. (Distillery Division)

RAW WATER CONSUMPTION - MONTH: February - 2025

Date	Borewell (1) Water Consumption			Borewell (2) Water Consumption			Borewell (3) Water Consumption			Remarks
	Initial Reading	Final Reading	Consumption (KI)	Initial Reading	Final Reading	Consumption (KI)	Initial Reading	Final Reading	Consumption (KI)	
01.02.2025	389449	389675	226	462775	462936	161	190365	190515	150	A
02.02.2025	389675	389883	208	462936	463058	122	190515	190708	193	B
03.02.2025	389883	390085	202	463058	463188	130	190708	190859	151	A
04.02.2025	390085	390274	189	463188	463315	127	190859	191055	196	A
05.02.2025	390274	390487	213	463315	463480	165	191055	191209	154	A
06.02.2025	390487	390681	194	463480	463606	126	191209	191386	177	A
07.02.2025	390681	390870	189	463606	463727	121	191386	191559	173	A
08.02.2025	390870	391071	201	463727	463905	178	191559	191725	166	A
09.02.2025	391071	391279	208	463905	464032	127	191725	191881	156	A
10.02.2025	391279	391471	192	464032	464157	125	191881	192077	196	B
11.02.2025	391471	391675	204	464157	464273	116	192077	192281	204	B
12.02.2025	391675	391874	199	464273	464388	115	192281	192457	176	B
13.02.2025	391874	392084	210	464388	464562	174	192457	192658	201	B
14.02.2025	392084	392306	222	464562	464711	149	192658	192847	189	B
15.02.2025	392306	392514	208	464711	464819	108	192847	193044	197	A
16.02.2025	392514	392721	207	464819	464962	143	193044	193230	186	A
17.02.2025	392721	392928	207	464962	465100	138	193230	193427	197	A
18.02.2025	392928	393157	229	465100	465247	147	193427	193639	212	B
19.02.2025	393157	393327	170	465247	465390	143	193639	193850	211	B
20.02.2025	393327	393540	213	465390	465567	177	193850	194062	212	A
21.02.2025	393540	393743	203	465567	465763	196	194062	194232	170	A
22.02.2025	393743	393976	233	465763	465923	160	194232	194443	211	A
23.02.2025	393976	394193	217	465923	466093	170	194443	194587	144	A
24.02.2025	394193	394382	189	466093	466210	117	194587	194784	197	A
25.02.2025	394382	394563	181	466210	466406	196	194784	194963	179	A
26.02.2025	394563	394768	205	466406	466598	192	194963	195144	181	A
27.02.2025	394768	395008	240	466598	466788	190	195144	195368	224	A
28.02.2025	395008	395219	211	466788	466917	129	195368	195562	194	B
			5770			4142			5197	

RAJASTHAN LIQUORS LTD. (Distillery Division)

RAW WATER CONSUMPTION - MONTH : March - 2025

Date	Borewell (1) Water Consumption			Borewell (2) Water Consumption			Borewell (3) Water Consumption			Remarks
	Initial Reading	Final Reading	Consumption (KI)	Initial Reading	Final Reading	Consumption (KI)	Initial Reading	Final Reading	Consumption (KI)	
01.03.2025	395219	395451	232	466983	467053	136	195562	195687	125	✓
02.03.2025	395451	395729	278	467053	467280	227	195687	195974	287	✓
03.03.2025	395729	395999	270	467280	467505	225	195974	196112	138	✓
04.03.2025	395999	396269	270	467505	467690	185	196112	196273	161	✓
05.03.2025	396269	396524	255	467690	467878	188	196273	196394	121	✓
06.03.2025	396524	396672	148	467878	468010	132	196394	196496	102	✓
07.03.2025	396672	396815	143	468010	468175	165	196496	196643	147	✓
08.03.2025	396815	397019	204	468175	468326	151	196643	196784	121	✓
09.03.2025	397019	397275	256	468326	468487	161	196784	196914	150	✓
10.03.2025	397275	397420	145	468487	468645	158	196914	197095	181	✓
11.03.2025	397420	397615	195	468645	468808	163	197095	197287	192	⊖
12.03.2025	397615	397891	276	468808	469003	195	197287	197503	216	⊖
13.03.2025	397891	398171	280	469003	469172	169	197503	197712	209	⊖
14.03.2025	398171	398420	249	469172	469296	124	197712	197827	115	⊖
15.03.2025	398420	398645	225	469296	469404	108	197827	197859	32	⊖
16.03.2025	398645	398833	188	469404	469486	82	197859	197899	40	⊖
17.03.2025	398833	398964	131	469486	469553	67	197899	197965	66	⊖
18.03.2025	398964	398979	15	469553	469672	119	197965	197965	-	⊖ Shut down
19.03.2025	398979	398990	11	469672	469762	90	197965	197965	-	⊖ Shut down
20.03.2025	398990	399075	85	469762	469801	39	197965	197965	-	Shut down
21.03.2025	399075	399259	184	469801	469884	83	197965	197965	-	
22.03.2025	399259	399681	422	469884	470076	192	197965	198450	485	⊖ Shut down
23.03.2025	399681	400070	389	470076	470264	188	198450	198688	238	⊖ Plakstat at 6/coop
24.03.2025	400070	400285	215	470264	470471	207	198688	198903	215	⊖
25.03.2025	400285	400527	242	470471	470645	174	198903	199011	108	⊖
26.03.2025	400527	400687	160	470645	470799	154	199011	199169	158	⊖
27.03.2025	400687	400873	186	470799	470971	172	199169	199399	230	✓
28.03.2025	400873	401152	279	470971	471154	183	199399	199599	200	✓
29.03.2025	401152	401387	235	471154	471312	158	199599	199763	164	✓
30.03.2025	401387	401582	195	471312	471515	203	199763	199971	208	✓
31.03.2025	401582	401779	197/650	471515	471785	270	199971	200170	199/1108	⊖



भारत सरकार
केन्द्रीय भूमि जल प्राधिकरण
जल संसाधन मंत्रालय

Regional Director

Government of India
Central Ground Water Authority
Ministry of Water Resources

CGWA/IND/Proj/2011- 1017

No.21-4(413)/NWR/CGWA/2011- 400

Dated:-

3 APR 2011

To,

M/s Rajasthan Liquors Ltd.,
C - 364, Vaishali Nagar
Jaipur- 302021
Rajasthan

Sub:- NOC for ground water withdrawal by M/s Rajasthan Liquors Ltd., in respect of their proposed 120 klpd alcohol production and 5 MW power generation unit at village Haripur Hindua, Block & Tehsil Derra Bassi, District SAS Nagar (Mohali), Punjab- reg.

Sir,

Kindly refer to your application dated Nil on the above cited subject. Based on recommendations of Regional Director, Central Ground Water Board, North Western Region, Chandigarh vide their office letter no. 4(172)A-PB/RL/ NWR/ S&I/2010 dated 31.01.11 and further deliberations on the subject, the NOC of Central Ground Water Authority is hereby accorded to M/s Rajasthan Liquors Ltd., in respect of their proposed 120 klpd alcohol production and 5 MW power generation unit at village Haripur Hindua, Block & Tehsil Derra Bassi, District SAS Nagar (Mohali), Punjab. The NOC is, however subject to the following conditions:-

1. The firm may abstract 1783 m³/day (and not exceeding 5,89,090 m³/year) of ground water, through proposed two (2) tubewells only, tapping deeper aquifers below 150 m depth. No additional ground water abstraction structures to be constructed for this purpose without prior approval of the CGWA.
2. The wells to be fitted with water meter by the firm at its own cost and monitoring of ground water abstraction to be undertaken accordingly on regular basis, at least once in a month. The ground water quality to be monitored twice in a year during pre monsoon and post monsoon periods.
3. M/s Rajasthan Liquors Ltd., shall, in consultation with the Regional Director, Central Ground Water Board, North Western Region,

18/11, Jamnagar House, Mansingh Road, New Delhi-110011

Ph.: (011) 23073950, 23381089 Fax: 23398310

Website: www.cgwb.gov.in, www.mowr.gov.in

स्वच्छ सुरक्षित जल - सुन्दर सुरक्षित कल

CONSERVE WATER - SAVE LIFE

Chandigarh implement ground water recharge measures to the tune of 4,91,985 m³/year, for augmenting the ground water resources of the area.

4. The photographs of the recharge structures after completion of the same are to be furnished immediately to the Regional Director, Central Ground Water Board, North Western Region, Chandigarh for verification and under intimation to this office.
5. The firm at its own cost shall install piezometers at suitable locations and execute ground water regime monitoring programme in and around the project area on regular basis in consultation with the Central Ground Water Board, North Western Region, Chandigarh.
6. The ground water monitoring data in respect of S. No. 2 & 5 to be submitted to Central Ground Water Board, North Western Region, Chandigarh on regular basis at least once in a year.
7. The firm shall ensure proper recycling and reuse of waste water after adequate treatment.
8. Action taken report in respect of S. No. 1 to 7 may be submitted to CGWA within one year period.
9. The permission is liable to be cancelled in case of non-compliance of any of the conditions as mentioned in S. No. 1 to 8.

Yours faithfully


Regional Director
13/4

Copy for information to:

1. The Scientist-F, (I.A. Division), Ministry of Environment and Forests, Paryavaran Bhavan, CGO Complex, Lodhi Road, New Delhi 110003. This has reference to your letter no. J-11011/263/2010- IA II (I) dated 26.10.2010.
2. The Regional Director, Central Ground Water Board, North Western Region, Chandigarh. This has reference to your letter no. 4(172)A-PB/RLL/NWR/S&I/2010 dated 31.01.11.
3. TS to Chairman, Central Ground Water Board, Bhujal Bhawan, Faridabad.

/
Regional Director



PUNJAB WATER REGULATION AND DEVELOPMENT AUTHORITY
sco 149-152, Sector 17 c, Chandigarh – 160017
PERMISSION FOR EXTRACTION OF GROUNDWATER
(Under The Punjab Groundwater Extraction And Conservation Directions, 2023)

Unit ID:	Permission Number:	Date of Grant of Permission	Valid up to
1350101150	PWRDA/I/10/2023/L3/151	05.10.2023	04.10.2026

1	Name of Unit:	M/s Rajasthan Liquors Ltd. (Distillery Divison)	
2	Activity of Unit:	Industrial	
3	Address/Location of Unit:	M/s Rajasthan Liquor Limited (Distillery Division), Village Haripur Hinduan, Barwala Road, Derabassi, SAS Nagar, Punjab	
		District SAS Nagar	PIN: 140507
4	Assessment Area (Block):	Derabassi	Status: Yellow
5	District	SAS Nagar	
6	Head Office Address:	M/s Rajasthan Liquor Limited (Distillery Division), Village Haripur Hinduan, Barwala Road, Derabassi, SAS Nagar, Punjab	
			PIN: 140507
	Email	vijaytiwarill@gmail.com	
	Phone/Mobile No.	9779247324	9815876359
7	Project Status:	Existing : 31-03-2014	
8	No. of Existing Tube-Wells	No. of Proposed Tube-Wells	Total Number of Tube-Wells Permitted
		03	00
9	Volume of Ground Water Permitted to be Extracted(m ³ /month)	Fresh	Brackish/Saline
		33810	-

Note: This permission is granted in terms of the Punjab Groundwater Extraction and Conservation Directions, 2023 notified on 27th January, 2023 under section 15 of the Punjab Water Resources (Management and Regulation) Act, 2020 and is subject to the conditions given overleaf.

Dated: 05.10.2023

Place: Chandigarh



Senior Manager (A.O. & Coord.)
Punjab Water Regulation and
Development Authority

Simsran Kaur
05/10/2023

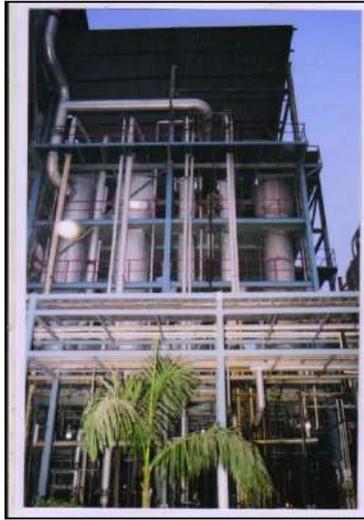
Terms and Conditions

- 1) User shall comply with the provisions of the Punjab Water Resources (Management and Regulation) Act, 2020, The Punjab Groundwater Extraction and Conservation Directions, 2023 and other Regulations, Directions and instructions issued by the Authority from time to time.
 - 2) The User shall install a water meter of required Specifications at each extraction structure and inform PWRDA along with a Calibration Certificate, within three months of issue of this Permission. The water meter shall conform to the technical specifications, performance parameters and connectivity standards, etc. as required by the Authority.
 - 3) The User (if required to install piezometer as per Directions) shall install the piezometer of the required specifications within three months of issue of this permission. (refer para 5.2 of the Directions).
 - 4) Payment Cycle and Schedule shall be as per para 4.8 of the Directions.
 - 5) In case of proposed water extraction structure which is yet to be commissioned, the user will intimate the Authority regarding all the details of the structure within 15 days of energizing of structure.
 - 6) This Permission does not absolve the Unit of its obligations to obtain other required statutory and administrative clearances from appropriate Authorities.
 - 7) The issue of this Permission does not imply that other statutory or administrative clearances shall necessarily be granted to the unit by the concerned Authorities.
 - 8) This Permission is being issued without any prejudice to the orders of any court of law in cases related to groundwater or any other related matters.
 - 9) The Authority may inspect the Unit and original documents at any time. In case it is found that any material facts have been concealed or misreported or any material difference is found in the information submitted and the site conditions or documents, the Authority may suspend the permission granted immediately and may cancel or alter the permission after giving a notice to the Unit. This will be without prejudice to any other action that may be taken under the law for supply of wrong information.
 - 10) The User is advised to keep on checking the website of the Authority for updates on Directions and instructions on matters related to extraction of groundwater.
 - 11) The User shall obtain revised/varied/fresh permission as the case may be, in case there is any change in ground water extraction structure, volume etc, before the aforesaid change is affected or within the time permitted under the Directions.
 - 12) A user shall apply for renewal of permission in the required format three months prior to the expiry of permission.
-

Annexure 6 Photographs Showing Different Processes



USABR & MBBR AT ETP/CPU



Multi Effect Evaporator



Ultra Filtration & RO



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NABET Accredited EIA Consultant



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Phone : 0172-4669295

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Phone : 0172-5090312

E-mail : cpl126@gmail.com ; lab@cptl.co.in

Website : www.cptl.co.in



TEST CERTIFICATE

REPORT No. CPTL/2024/12/34(W)

Format No. CPTLF7.8-I(W)
REPORTING DATE:-27.12.2024

NAME OF INDUSTRY : M/s. RAJASTHAN LIQUOR LTD. (DISTILLARY),
VILL. HARIPUR HINDUAN, BARWALA ROAD,
DERABASSI, DIST. SAS NAGAR, MOHALI (PB).

SAMPLE PARTICULARS

Date of Sample Collection	21.12.2024
Sample Received in Lab	23.12.2024
Type of Sample	Untreated effluent (Grab)
Sampling Plan Ref. No.	CPTLF7.3-I
Sampling Method	CPTL/SM/01
Environmental Conditions	Normal
Point of Sample Collection	Inlet of ETP
Quantity & Packaging	2.0liters in Plastic Bottle +1.0 Liters in Glass Bottle
Sample Identification No.	CPTL/2024/12/34(W)
Analysis Duration	23.12.2024 to 27.12.2024
Sample Collected By	Amrit Singh & team
Visual Observation	Liquid with suspended and settleable matter

TEST RESULTS

S No.	Parameters	Results	Test Method
1.	pH	3.49	IS: 3025 (P-11): 2022
2.	Total Dissolved Solids, mg/l	81.0	IS: 3025 (P-16): 2023
3.	Total Suspended Solids, mg/l	26.4	IS: 3025 (P-17): 2023
4.	Chemical Oxygen Demand, mg/l	850	IS: 3025 (P-58): 2023
5.	BOD (at 27°C for 3 Days), mg/l	185	IS: 3025 (P-44): 2023
6.	Oil & Grease, mg/l	3.3	IS: 3025 (P-39): 2021

Amrit Singh
(Chemist In-Charge)
Date: 27/12/24

Sital Singh
Sital Singh (CEO)
(Authorized Signatory)
Date: 27/12/24

- 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.



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TEST CERTIFICATE

Format No. CPTLF7.8-I(W)

REPORT No. CPTL/2024/12/33(W)

REPORTING DATE:-27.12.2024

NAME OF INDUSTRY :	M/s. RAJASTHAN LIQUOR LTD. (DISTILLARY), VILL. HARIPUR HINDUAN, BARWALA ROAD, DERABASSI, DIST. SAS NAGAR, MOHALI (PB).
---------------------------	---

SAMPLE PARTICULARS

Date of Sample Collection	21.12.2024
Sample Received in Lab	23.12.2024
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	2.0liters in Plastic Bottle +1.0 Liters in Glass Bottle
Sample Identification No.	CPTL/2024/12/33(W)
Analysis Duration	23.12.2024 to 27.12.2024
Sample Collected By	Amrit Singh & team
Visual Observation	Treated effluent with fine suspended matter.

TEST RESULTS

S No.	Parameters	Results	Test Method
1.	pH	7.01	IS: 3025 (P-11): 2022
2.	Total Dissolved Solids, mg/l	86.8	IS: 3025 (P-16): 2023
3.	Total Suspended Solids, mg/l	18.8	IS: 3025 (P-17): 2023
4.	Chemical Oxygen Demand, mg/l	100	IS: 3025 (P-58): 2023
5.	BOD (at 27°C for 3 Days), mg/l	28.1	IS: 3025 (P-44): 2023
6.	Oil & Grease, mg/l	2.2	IS: 3025 (P-39): 2021

Amrit Singh
(Chemist In-charge)
Date: 27/12/2024

Sital Singh
Sital Singh (CEO)
(Authorized Signatory)
Date: 27/12/2024

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TEST CERTIFICATE

REPORT No. CPTL/2024/12/32(W)

Format No. CPTLF7.8-I(W)
REPORTING DATE:-27.12.2024

NAME OF INDUSTRY : M/s. RAJASTHAN LIQUOR LTD. (DISTILLERY),
VILL. HARIPUR HINDUAN, BARWALA ROAD,
DERABASSI, DIST. SAS NAGAR, MOHALI (PB).

SAMPLE PARTICULARS

Date of Sample Collection	21.12.2024
Sample Received in Lab	23.12.2024
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 STP
Quantity & Packaging	2.0liters in Plastic Bottle+1.0 Liters in Glass Bottle
Sample Identification No.	CPTL/2024/12/32(W)
Analysis Duration	23.12.2024 to 27.12.2024
Sample Collected By	Amrit Singh & team
Visual Observation	Treated effluent with fine suspended matter

TEST RESULTS

S.No.	Parameters	Results	Limits	Test Method
1.	pH	7.42	5.5 to 9.0	IS: 3025 (P-11): 2022
2.	Total Dissolved Solids, mg/l	631	2100	IS: 3025 (P-16): 2023
3.	Total Suspended Solids, mg/l	16.8	100	IS: 3025 (P-17): 2023
4.	Chemical Oxygen Demand, mg/l	60.0	250	IS: 3025 (P-58): 2023
5.	BOD (at 27°C for 3 Days), mg/l	18.6	100	IS: 3025 (P-44): 2023
6.	Oil & Grease, mg/l	2.6	10	IS: 3025 (P-39): 2021

Amrit Singh
(Chemist In-Charge)
Date: 27/12/24

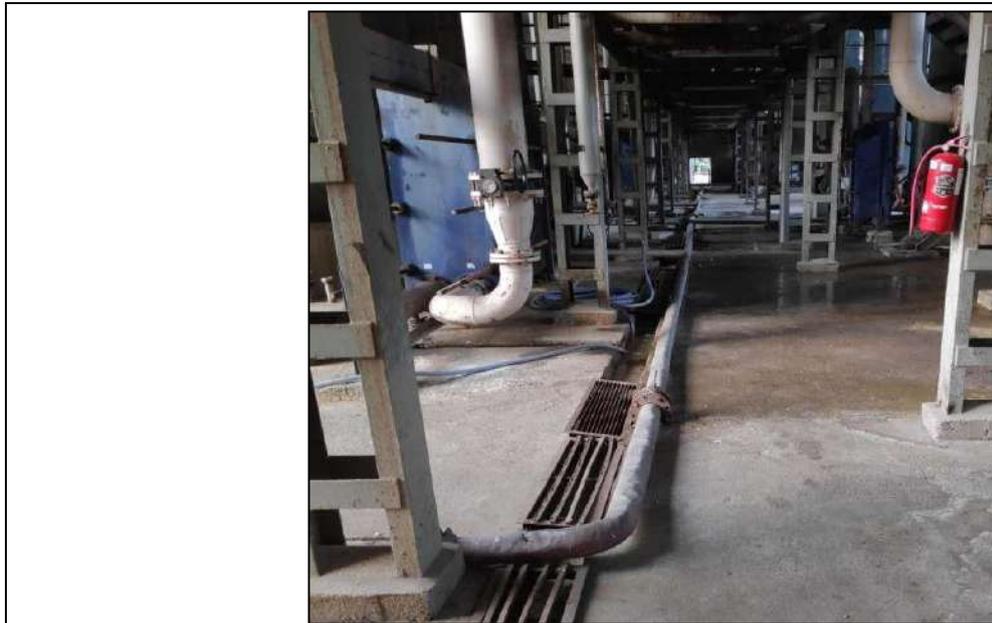
Sital Singh
Sital Singh (CEO)
(Authorized Signatory)
Date: 27/12/24

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END OF REPORT

Page 1 of 1

Annexure 8 Photographs showing Garland Drain



Garland Drain



Garland Drain of Distillation House



Garland Pit

Annexure 8A Photographs showing Pucca Lagoon



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**TEST CERTIFICATE**

REPORT No. CPTL/2024/12/36(W)

Format No. CPTLF7.8-I(W)

REPORTING DATE:-27.12.2024

NAME OF INDUSTRY:

M/s. RAJASTHAN LIQUOR LTD. (DISTILLERY),
VILL. HARIPUR HINDUAN, BARWALA ROAD,
DERABASSI, DIST. SAS NAGAR, MOHALI (PB)**SAMPLE PARTICULARS**

Date of Sample Collection	21.12.2024
Sample Received in Lab	23.12.2024
Type of Sample	Ground water (Grab)
Sampling Plan Ref. No.	CPTLF7.3-I
Sampling Method	CPTL/SM/01
Environmental Conditions	Normal
Point of Sample Collection	From Borewell [Near Warehouse]
Quantity & Packaging	2.0 liters in Plastic Bottle
Sample Identification No.	CPTL/2024/12/36(W)
Analysis Duration	23.12.2024 to 27.12.2024
Sample Collected By	Amrit Singh & Team
Visual Observation	Clear and colorless.

TEST RESULTS

S. No.	Parameters	Results	Acceptable Limit	Permissible Limit	Test Method
1.	pH	7.98	6.5-8.5	No relaxation	IS: 3025 (P-11): 2022
2.	Color, HU	<5	5	15	IS: 3025 (P-4): 2021
3.	Turbidity, NTU	<1	1	5	IS: 3025 (P-10): 2023
4.	Total Dissolved Solids, mg/l	311	500	2000	IS: 3025 (P-16): 2023
5.	Total Hardness (as CaCO ₃), mg/l	196	200	600	IS: 3025 (P-21): 2009 (RA-2019)
6.	Calcium (as Ca ⁺⁺), mg/l	52.8	75	200	IS: 3025 (P-40): 2004
7.	Magnesium (as Mg ⁺⁺), mg/l	20.4	30	100	IS: 3025 (P-46): 2023
8.	Total Alkalinity (as CaCO ₃), mg/l	335	200	600	IS: 3025 (P-23): 2023
9.	Chloride (as Cl), mg/l	22.4	250	1000	IS: 3025 (P-32): 1998 (RA-2019)
10.	Fluoride (as F), mg/l	BDL (DL=0.1)	1.0	1.5	IS:3025 (P-60): 2008
11.	Iron (as Fe), mg/l	BDL (DL=0.1)	1.0	No relaxation	IS:3025 (P-53): 2024
12.	Zinc (as Zn), mg/l	BDL (DL=0.5)	5	15	IS:3025 (P-49): 1994 (RA-2019)
13.	Manganese (as Mn), mg/l	BDL (DL=0.09)	0.1	0.3	IS: 3025 (P-59): 2023
14.	Copper (as Cu), mg/l	BDL (DL=0.04)	0.05	1.5	IS: 3025 (P-42): 1992 (RA-2019)



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E-mail : cptl126@gmail.com ; lab@cptl.co.in

Website : www.cptl.co.in

Sample Received in Lab	23.12.2024
Type of Sample	Ground water
Sample Identification No.	CPTL/2024/12/36(W)

S. No.	Parameters	Results	Acceptable Limit	Permissible Limit	Test Method
15.	Boron (as B), mg/l	BDL (DL=0.1)	0.5	1.0	IS:3025 (P-57): 2021
16.	Cadmium (as Cd), mg/l	BDL (DL=0.001)	0.003	No relaxation	IS: 3025 (P-41): 2023
17.	Free Residual Chlorine (as Cl ₂), mg/l	BDL (DL=0.1)	0.2	1	IS:3025 (P-26): 2021
18.	Phenolic Compounds (as C ₆ H ₅ OH),mg/l	BDL (DL=0.001)	0.001	0.002	IS 3025 (P-43): Sec.-1: 2022

BDL-Below Detection Limit

DL- Detection Limit

[Signature]
(Chemist In-Charge)
Date: 27/12/24

[Signature]
Sital Singh (CEO)
(Authorized Signatory)
Date: 27/12/24

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

Website : www.cptl.co.in



TEST CERTIFICATE

Format No. CPTLF7 8-I(M)

REPORT No. CPTL/2024/12/05m(W)

REPORTING DATE: 26.12.2024

NAME OF INDUSTRY: M/s. RAJASTHAN LIQUOR LTD. (DISTILLERY),
VILL. HARIPUR HINDUAN, BARWALA ROAD,
DERABASSI, DIST. SAS NAGAR, MOHALI (PB)

SAMPLE PARTICULARS

Date of Sample Collection	21.12.2024
Sample Received in Lab	23.12.2024
Type of Sample	Ground Water
Sampling Plan Ref. No.	CPTLF7.3-I
Sampling Method	CPTL/SM/01
Environmental Conditions	Normal
Point of Sample Collection	Borewell (Near Warehouse)
Quantity & Packaging	250 ml in sterilized glass bottle
Sample Identification No.	CPTL/2024/12/05m(W)
Analysis Duration	23.12.2024 to 26.12.2024
Sample Collected By	Amrit 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

Analyzed By
Date: 26/12/2024

Sital Singh (CEO)
(Authorized Signatory)
Date: 26/12/2024

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Page 1 of 1



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Website : www.cptl.co.in



TEST CERTIFICATE

REPORT No. CPTL/2024/12/35(W)

Format No. CPTLF7.8-I(W)

REPORTING DATE:-27.12.2024

NAME OF INDUSTRY:

M/s. RAJASTHAN LIQUOR LTD. (DISTILLERY),
VILL. HARIPUR HINDUAN, BARWALA ROAD,
DERABASSI, DIST. SAS NAGAR, MOHALI (PB)

SAMPLE PARTICULARS

Date of Sample Collection	21.12.2024
Sample Received in Lab	23.12.2024
Type of Sample	Ground water (Grab)
Sampling Plan Ref. No.	CPTLF7.3-I
Sampling Method	CPTL/SM/01
Environmental Conditions	Normal
Point of Sample Collection	From Borewell [Near Parking/Mandir]
Quantity & Packaging	2.0 liters in Plastic Bottle
Sample Identification No.	CPTL/2024/12/35(W)
Analysis Duration	23.12.2024 to 27.12.2024
Sample Collected By	Amrit Singh & Team
Visual Observation	Clear and colorless.

TEST RESULTS

S. No.	Parameters	Results	Acceptable Limit	Permissible Limit	Test Method
1.	pH	8.30	6.5-8.5	No relaxation	IS: 3025 (P-11): 2022
2.	Color, HU	<5	5	15	IS: 3025 (P-4): 2021
3.	Turbidity, NTU	<1	1	5	IS: 3025 (P-10): 2023
4.	Total Dissolved Solids, mg/l	259	500	2000	IS: 3025 (P-16): 2023
5.	Total Hardness (as CaCO ₃), mg/l	118	200	600	IS: 3025 (P-21): 2009 (RA-2019)
6.	Calcium (as Ca ⁺⁺), mg/l	22.4	75	200	IS: 3025 (P-40): 2004
7.	Magnesium (as Mg ⁺⁺), mg/l	15.6	30	100	IS: 3025 (P-46): 2023
8.	Total Alkalinity (as CaCO ₃), mg/l	270	200	600	IS: 3025 (P-23): 2023
9.	Chloride (as Cl), mg/l	4.99	250	1000	IS: 3025 (P-32): 1998 (RA-2019)
10.	Fluoride (as F), mg/l	BDL (DL=0.1)	1.0	1.5	IS:3025 (P-60): 2008
11.	Iron (as Fe), mg/l	BDL (DL=0.1)	1.0	No relaxation	IS:3025 (P-53): 2024
12.	Zinc (as Zn), mg/l	BDL (DL=0.5)	5	15	IS:3025 (P-49): 1994 (RA-2019)
13.	Manganese (as Mn), mg/l	BDL (DL=0.09)	0.1	0.3	IS: 3025 (P-59): 2023
14.	Copper (as Cu), mg/l	BDL (DL=0.04)	0.05	1.5	IS: 3025 (P-42): 1992 (RA-2019)



CHANDIGARH POLLUTION TESTING LABORATORY

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

NABET Accredited EIA Consultant



TC-6728

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	23.12.2024
Type of Sample	Ground water
Sample Identification No.	CPTL/2024/12/35(W)

S. No.	Parameters	Results	Acceptable Limit	Permissible Limit	Test Method
15.	Boron (as B), mg/l	BDL (DL=0.1)	0.5	1.0	IS:3025 (P-57): 2021
16.	Cadmium (as Cd), mg/l	BDL (DL=0.001)	0.003	No relaxation	IS: 3025 (P-41): 2023
17.	Free Residual Chlorine (as Cl ₂), mg/l	BDL (DL=0.1)	0.2	1	IS:3025 (P-26): 2021
18.	Phenolic Compounds (as C ₆ H ₅ OH),mg/l	BDL (DL=0.001)	0.001	0.002	IS 3025 (P-43): Sec.-1: 2022

BDL-Below Detection Limit

DL- Detection Limit

(Signature)
(Chemist In-Charge)
Date: 27/12/24

(Signature)
Sital Singh (CEO)
(Authorized Signatory)
Date: 27/12/2024

- 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)

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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(M)

REPORTING DATE: 26.12.2024

REPORT No. CPTL/2024/12/06m(W)

NAME OF INDUSTRY: M/s. RAJASTHAN LIQUOR LTD. (DISTILLERY),
VILL. HARIPUR HINDUAN, BARWALA ROAD,
DERABASSI, DIST. SAS NAGAR, MOHALI (PB)

SAMPLE PARTICULARS

Date of Sample Collection	21.12.2024
Sample Received in Lab	23.12.2024
Type of Sample	Ground Water
Sampling Plan Ref. No.	CPTLF7.3-I
Sampling Method	CPTL/SM/01
Environmental Conditions	Normal
Point of Sample Collection	Borewell (Near Parking/Mandir)
Quantity & Packaging	250 ml in sterilized glass bottle
Sample Identification No.	CPTL/2024/12/06m(W)
Analysis Duration	23.12.2024 to 26.12.2024
Sample Collected By	Amrit 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

Analyzed By
Date: 26/12/2024

Sital Singh (CEO)
(Authorized Signatory)
Date: 26/12/2024

- 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.

M/S ABHISHEK, B.K.O.

Vill. Jauli, Distt. Mohali (Pb)

Ref. No.

Dated 19/05/24

TO WHOM IT MAY CONCERN

This is to certify we are using fly ash bringing from M/S Rajasthan Liquors Ltd, through B.S Contractor on daily basis. This fly ash is used for manufacturing of bricks



ATTESTED
Notary Public
Mohali, Punjab (Pb.)

11/05/2024



BACHHAL BRICKS

Mfrs. & Suppliers: Hand Moulded Quality Bricks & Tiles

Vill. Khedi Jattan, Teh. Dera Bassi, Distt. Mohali (Pb.)

Ref. No.

Dated: 13/05/24

TO WHOM IT MAY CONCERN

This is to certify we are using fly ash bringing from M/S Rajasthan Liquors Ltd, through B.S Contractor on daily basis. This fly ash is used for manufacturing of bricks



ATTESTED
[Signature]
Dera Bassi
S.A.S. Nagar. (Pb.)

For BACHHAL BRICKS

[Signature]
Rajeshwar Kumar
Prop.

13 May 2024

S K B

SHRI KRISHNA BRICKS

Vill. Jaula Kalan, Teh. Derabassi, Distt. S.A.S. Nagar (Mohali) Pb. -140501

Ref. No.

Date... 18/05/24

TO WHOM IT MAY CONCERN

This is to certify we are using fly ash bringing from M/S Rajasthan Liquors Ltd, through B.S Contractor on daily basis. This fly ash is used for manufacturing of bricks



For SHRI KRISHNA BRICKS

For DKP Partner

ATTESTED

Notary
S.A.S. Nagar (Pb.)

99 JUN 2024

Kuldeep Singh & Co.

BRICK KILN OWNER

Village Pabat, Teh. Kharar, Distt. Mohali, (Pb.)

Ph. :

Ref. No. :

Dated : 29/05/24

TO WHOM IT MAY CONCERN

This is to certify we are using fly ash bringing from M/S Rajasthan Liquors Ltd, through B.S Contractor on daily basis. This fly ash is used for manufacturing of bricks



ATTACHED

Notary
S.A.S. Nagar (Pb.)

21/05/24

17/06/2024



Shiv Shakti Gram Udyog Samiti



Village Jaula Kalan, Teh. Derabassi,
Distt. S.A.S. Nagar, Mohabli (Pb.)

Ref. No.....

Dated.. 16/05/24

TO WHOM IT MAY CONCERN

This is to certify we are using fly ash bringing from M/S Rajasthan Liquors Ltd, through B.S Contractor on daily basis. This fly ash is used for manufacturing of bricks



ATTESTED

[Signature]
Notary Public
S.A.S. Nagar (Pb.)

For The Shiv Shakti Gram Udyog Samiti

[Signature]

Prop.

11/05/2024



9872422896
9729282682

Saraswati Bricks Industries

DEALS IN : HIGH CLASS BRICKS

VILL. JOLAN KALAN, DISTT. MOHALI (PB.)



REF. NO.

DATED. 16/05/24

TO WHOM IT MAY CONCERN

This is to certify we are using fly ash bringing from M/S Rajasthan Liquors Ltd, through B.S Contractor on daily basis. This fly ash is used for manufacturing of bricks



ATTESTED

[Signature]
N. S. Bassi
S. J. Nagar. (Pb.)

11 JUN 2024

For [unclear] [unclear]

[Signature]

Patnaq



GILL BRICKS CO.

Mfrs. & Suppliers : Hand Moulded Quality Bricks & Tiles

Vill. Lalru, Teh. Dera Bassi, Distt. Mohali (Pb.)

Ref. No.

Dated ...29/05/24...

TO WHOM IT MAY CONCERN

This is to certify we are using fly ash bringing from M/S Rajasthan Liquors Ltd, through B.S Contractor on daily basis. This fly ash is used for manufacturing of bricks



ATTESTED
[Signature]
Notary Public
S.A.S. Nagar (Pb.)

For Gill Bricks Co.
[Signature]
Prop.



SINGLA BRICK TRADERS

Village Rampur Bahal, Sub-Tehsil Dera Bassi, Distt. Mohall (Punjab)

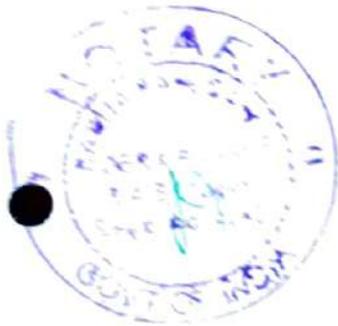
SKO/MOH/

Ref. No.

Dated 2/05/24

TO WHOM IT MAY CONCERN

This is to certify we are using fly ash brought from M/S Rajasthan Lignite Ltd, through B'S Contractor on daily basis. This fly ash is used for manufacturing of Bricks.



ATTESTED

Recd
N. ... Bassi
Sub. ... (Pb.)

Singla Bricks Tradery
Chry

11/05/2024

Annexure 11 Photographs showing Firefighting Measures



Firefighting Hose Pipe



Firefighting Mobile Cylinder



Foam Tank



Fire Fighting Pumps



RAJASTHAN LIQUORS LIMITED, DERABASSI

RISK ASSESSMENT FOR ALOCHOL STORAGE

The Environmental risks are inherent in operation of any industry, or any human activity for that matter. Any system failure can lead to disaster.

These Organic Chemicals manufacturing is a simple three step process, as seen earlier. However Risk is posed by (1) Dust in various operational steps and (2) Fuel, which here is in the form of power and coal/rice husk.

Dust is generated in many steps from raw material handling, transfer, heating, cooling, transporting out and waste treatment. In order to reduce this risk, steps like capturing the same, conveying through ducts, and controlling by ESP are attempted. Conveying by smooth internal roads, watering the roads, regular and quick sweeping and monitoring the efforts, are the minimum actions to be taken.

Fuel used here is coal/rice husk. Fuel can give rise to one Risks, namely Fire. As full fire protection and extinguishing gadgets are provided, any risk from fuel stands automatically covered. All motors are kept TEFC (totally enclosed fan cooled). Temperature and Carbon Monoxide control is undertaken by arranging carbon dioxide correct percent. This minimizes the Risk to a very great extent.

- Vehicles bringing in the materials are run at slow speed. It is neatly tied and secured to the vehicles. Guards patrol the entire length, throughout day and night. There is no public traffic here and warning signals are painted on boards.
- For other raw materials, it is a policy to bring the same in small doses and in closed containers. If sundry raw material comes in bags, hooks and other sharp equipment is not to be used on bags or unit loads. Cranes, tackles and forklift trucks are used for unloading and loading.
- Before storage all units are to be inspected for cleanliness and for damage.
- All bags are to be stacked on pallets. All damaged bags are to be repaired. a second impermeable bag which would be sealed properly and kept separately for use.
- Dyke walls, smooth sloping floors provided around storage tanks.
- Emergency Management Training
The key personnel would undergo special courses on Emergency, Disaster management & Occupational Health. This may preferably be in-plant training. The Managers, Senior Officers & involved staff would undergo a course on

the use of personal protective equipment also. In addition, special courses will be designed team-wise. In such training, outside government agencies also will be invited to be familiar with the plant layout.

7.2.1 Stocking at work place, loading and maintenance of floor area:

- The raw materials are to be placed very near to the feeding point.
- Housekeeping is most important of all dust control methods.
- Simply cleaning of all possible emission sources as quickly as possible.

7.2.2 Work Environment:

Dust and Heat free work environment is maintained in view of workers' safety, Health and Hygiene. The efforts taken in this respect are:

#	Source	Attenuation by
1.	Scrap Yard	Avoided by adopting smooth roads and yard.
2.	Plant	Avoided by adopting good foundation, good alignment, well lubricated.
3.	Generators	Fitted enclosure and tall stack
4.	Vibrations	Proper sturdy foundation provided for all the machines and equipment to avoid fugitive escapes.
5.	Fumes	Closed, covered and carried through ducts

Table No. 7.1: Work Environment Care

7.3 Disaster Management Plan:

7.3.1 Objectives

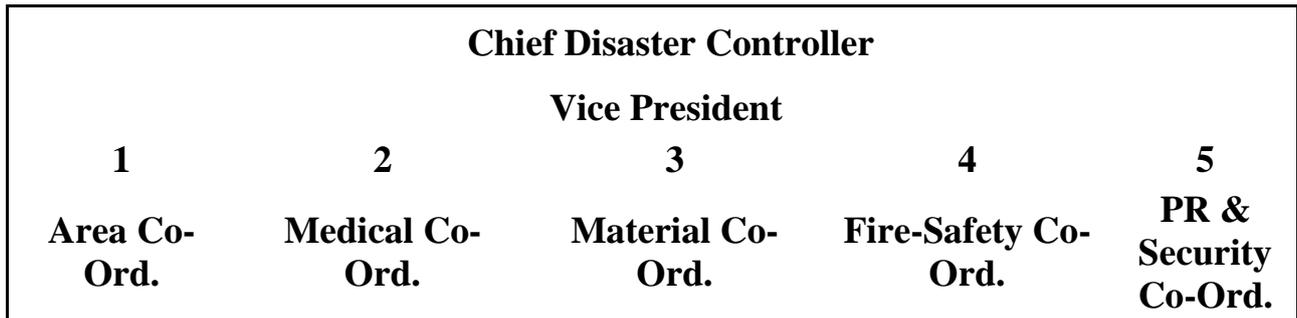
- To localise the emergency
- To minimise the consequences
- To ensure that following concepts are considered, namely rescue, first aid, evacuation, rehabilitation, spreading the information

7.3.2 Elements of On-Site Plan:

- Assess the size of event
- Plan formulation and liason

- Action like: Raise alarm, communication within and outside
- Appoint key personnel and deploy. Appoint Controller.
- Emergency Control Center
- Action on site
- Action off-site.
- Alarm and visual signals at strategic point, first alert sent to Incidence Controller.

Fig.: Organization Chart



7.3.4 Duty Allocation

Chief Disaster Controller (Vice President)

- Take control and declare emergency
- Be there
- Contact Authorities

1. Area Co-ordinator

- Take steps. Make Emergency shut-down of activities. Put everything in Safe condition.
- Evacuate.
- Commence initial fire-fighting, till Fire Department comes to take up.
- Identify materials requirements and call Material Manager.

2. Medical Co-ordinator

- Establish Emergency Center. Treat people, Transfer – Remove patients.
- Assign Deploy staff
- Arrange medical supplies
- Summon outside help

3. Material Co-ordinator:

- Dispatch necessary supplies
- Arrange purchases

4. Fire-Safety Co-ordinator:

- Be Overall incharge for Fire and Safety.
- Coordinate with Area Coordinator and Direct the Operations
Coordinate with City and Other Fire-tenderers

5. PR & Security Co-Ordinator

- Remove Crowd
- Arrange Gate security
- Contact Police
- Arrange evacuation
- Contact outside Agencies if asked.
- Handle news media
- Mobilize vehicles
- Arrange Food, clothing to Officers inside.

6. Emergency Control Center

- Adequate Internal phones
- Adequate external phones
- Workers Tally
- Map showing hazardous storages, Fire horns, Safety equipments, Gates and side gates, Assembly points, List of persons.

7. Action on Site

- Evacuate. Non-essential people first at Assembly point
- Persons Accounting
- Record of Next-of-kins
- Public Relations

8. Post Disaster Analysis.

- Why happened
- How to avoid in future
- Whether on-site operations failed? In what respect?
- How to avoid such failure in future

- Report to be submitted in detail to Authorities
- Compensation arrangements if any, commenced?
- Call suggestions on shortfalls observed.
- Give rewards openly, pull defaulters individually

Hazard Analysis

Preliminary Hazard analysis is used to identify typical and often relatively apparent risk sources and damage events in a system. A characteristic of Alcohol is a clear, colorless and flammable liquid. It has the boiling point of 78⁰ C, ignition point of 363⁰C and explosive limits of 3.3 % - 19.0 % by volume. It is listed as hazardous substance by ACGIH, DOT, NFPA, MSIHC Rules and NIOSH and is regulated by OSHA.

It is important to control or eliminate all potential ignition sources in areas that might lead to ignition of vapour. The potential sources of ignition are: Open flames, Electrical wiring / devices, Smoking, Heat sources / hot surfaces, Welding and cutting, Friction, Sparks and Arcs, Static sparks, Gas Compression. Following are the precautions that will be taken to minimize the probability of ignition:

- Electrical equipment and wiring should be suitable for the hazard.
- If a heating operation is necessary, use only indirect heating methods.
- Do not allow any open flames.
- Provide grounding and bonding for all equipment handling using these liquids.
- Maintenance program will be established to assure that all equipment and safety controls are functioning satisfactorily.

Characteristics of Ethanol

Rectified spirit (RS), Absolute Alcohol and Extra Neutral Alcohol (ENA) are basically ethanol of different grades and have the same hazard characteristics. Hence, all these products are considered as ethanol in hazard analysis. Ethanol is a clear, colorless and flammable liquid. It has the boiling point of 78⁰ C, ignition point of 363⁰C and explosive limits of 3.3 % - 19.0 % by volume. It is listed as hazardous substance by ACGIH, DOT, NFPA and NIOSH and is regulated by OSHA. The characteristics of ethanol are given below.

Properties of Ethanol

Physical State	Liquid
Appearance	Clear
Color	Colorless
Physical Form	Volatile Liquid
Odour	Alcohol odour
Taste	Burning taste
Molecular Weight	46.07
Molecular Formula	C ₂ H ₅ OH
Boiling Point	172 ⁰ F (78 ⁰ C)
Freezing point	-179 ⁰ F (-117 ⁰ C)
Vapor Pressure	40 mm Hg @ 19 C
Vapor Density	1.59
Specific Gravity	0.789
Water Solubility	Soluble
Volatility	100%
Odour Threshold	5 – 10 ppm
Viscosity	1.22 – 1.41 cp @ 20 ⁰ C
Solvent	Benzene, ether, acetone, chloroform, methanol, organic
Solubility	Solvents

Hazard Rating of Alcohol is based on flammability, reactivity and toxicity as given in National Fire Protection Association codes 49 and 345 M as

CHEMI CAL	NH (Health Factor)	NF (Fire Factor)	NR (Reactivity)
Ethanol	2	3	0

(Least-0, Slight-1, Moderate-2, High-3, Extreme-4)

Based on Manufacture, Storage and Import of Hazardous Chemical Rules, GOI Rules 1989, we find applicability of GOI Rules 1989 to the notified threshold quantities, analysis of products and quantities of storage in the plant has been carried out.

Product	Listed In Schedule	Total Quantity	Threshold Quantity		Applicable Rule
			Rules 5,7-9 and 13-15	Rule 10-12	
Ethanol	1 (2)	2770 KL (2214 T)	1000 t	50000 t	Rule 5, 7-9 and 13-15

Based on the above, it is noted that alcohol produced and stored in the plant attract the rules of GOI 1989.

Degree of Hazard based on Fire explosion and Toxicity indices for the storages:

Section	Fire Explosion	Toxicity
Ethanol	Intermediate	Light

Thus, the following minimum preventive and protective measures are recommended.

Features	FE & I Rating	
	Light	Intermediate
Fire Proofing	2	3
Water Spray Directional	2	3
Curtain Special Instr.	1	2
Flow Control	2	4
Blow down-spill	1	3
Internal Explosion	2	3
Combustible gas Monitors	1	3
Remote Operation	1	2
Dyking	4	4
Blast and Barrier wall separation	1	3

(1= optional, 2= suggested, 3= recommended, and 4= required)

Maximum Credible Accident Analysis (MCA Analysis) is one of methodologies evolved to identify worst credible accident with maximum damage distance which is still believed to be probable.

The probable fire hazard in the plant is in the area of ethanol and is due to storage and handling. It is proposed to store about 60 day's production of both the products within a common dyke of 40x55 m. As a worst case it is assumed that the entire contents are leaked out. In the event of spilling its contents through a small leakage or due to rupture of the pipeline connecting the tank and on ignition fire will eventually forming pool of fire.

In order to assess the radiation levels, Heat Radiation model has been used the algorithm of the models is based on the formulae published in the yellow book by the TNO, Netherlands.

Alcohol Storage is as Day receiver, IS Receiver, Fusel alcohol, Bulk receiver, IS Bulk Storage and DN Spirit, as totally 10 tanks with capacity of 2770 KL.

With a dike area as 40 x 55 m., the results are computed for Pool Fire Scenarios and Distances and accordingly fire protection is designed.

Site Specific Consequences: In order to assess the site-specific consequences, information pertaining to the site such as nearest habitation, nearest industry etc was collected. The nearest village to the plant site is Baradgaon Sudrik village with a population of about a 3539 located at distance of 1.0 km from the plant site in the East direction. **Consequences of Heat Radiation** is also seen. As the project is located far away from any human habitation and surrounded by dry lands & hillocks with scrubs the offsite damage to the general public and property is negligible.

Fire Fighting Facilities In Ethanol Plant

1. Possible Fire Hazards

- i. Fire in fuel/bio-mass storage yard
- ii. Fire in Alcohol storage tanks Electric static electricity and consequent fire accident.

2. Fire Fighting Facilities

Elaborate firefighting system will be made available in any corner of the plant. Fire detection is also envisaged.

- Fire water storage tanks
- Fire water pump house containing combination of diesel & electrically driven pumps.
- Hydrant system with piping, valves, instrumentation, hoses, nozzles etc.
- Foam injection system for fuel oil tanks of foam concentrate tanks, foam pumps, in-line inductors, valves, piping & instrumentation
- Automatic high velocity water spray system consisting of detectors. Deluge valve projectors, valves, piping & instrumentation
- Automatic medium velocity water spray system consisting of QB (Quartzoid Bulb)
- Linear heat sensing cable detectors, deluge valves, isolation valves, nozzles, piping & instrumentation
- Suitable 'Halon Substitutes' such as INERGEN or FM:200 or AGGONITE for protection of Control-equipment-computer – electronic equipment rules
- Early warning fire detection & alarm system
- Portable & mobile extinguishers of type –Pressurized water, Co2, foam, DCP (Dry Chemical Powder) at strategic locations throughout the plant.

a. Water Hydrant System

Fire hydrant system with hose pipe of 7 kg/cm² pressure with hydrants are located at in bio-mass yard, distillery house, ethanol storage area.

- A jockey pump and accessories. 50 m³/hr at 90 m head
- Corrosion protected M.S. underground piping 150 mm dia. and 100 mm and around the plant as closed loop
- 8 nos. single headed hydrants distributed around the plant at about 30 m spacing to supply pressurized water for fire fighting.
- 10nos. m. s. hydrant nose cabinet adjacent to each cabinet.

b. Fire Extinguishers

Type	No.	At
Foam water	2 each	Main office and store.
CO ₂ type	6 each	Departmental office and electrical installations.
DCP type	8 each	Distillery plant and power plant.
Sand buckets	various	Different locations

c. Fire Protective Appliances

Two sets of fire safety appliances each consisting of following units are located at store and alcohol storage, respectively, such as Face masks & gas masks (2), Face shield (2), Helmet (6), Safety belts (2) and Safety ladder (1)

d. Fire Brigade

Fire brigade facilities available at Derabassi fire-station shall be utilized whenever need arises. Contacts nos. are 9646029400/7837620001.

On site emergency plan is in place. **Emergency Organization** is constituted.

Sr.No.	Designation	Person	Alternate person
1	Declarer of Emergency	Vice President (Operations)	Manager (Adm.)
2	Incidence Controller	Manager Engineering	Manager (Prod.)
2.1	Evacuation and Rescue Team	Production Manager	Production
2.2	Repair Team	Boiler Supervisor	Plant Supervisor
2.3	Essential Service Team	Lab. Chemist	Electrical Supervisor
3	Emergency coordinator	Boiler Supervisor	Power plant Supervisor
3.1	Transportation Vehicle Team	Personal Officer	Office Clerk
3.2	Medical Services Team	Environmental Manager	Digester Supervisor
3.3	Security	Security Officer	Security Supervisor
3.4	Communication	Gen. Manager (Adm.)	Gen. Manager (Prod.)

Safety Equipments And Appliances will be kept at administrative building/stores building and are under the control of emergency Co-ordinator, namely First AID medical units, 4 units at store and 4 units at ECR, Safety belts, Ear muffs, Noise muffs, against dusts, Aprons against chemical spillage, Shock proof gloves and mats, Leather Aprons, and Leather gloves, Safety items against chemicals like gum shoes, hand gloves, helmets, goggles, Safety ladder, Breathing apparatus, Stretchers and oxygen cylinder, Emergency lighting facilities and Air life line for working in vessels and tanks.

As **Emergency Transport Vehicle**, One vehicle along with driver is always made available at the factory premise for emergency needs. Ambulance facilities available at general hospitals of Derabassi will be made use whenever necessary.

Assistance of District Fire Brigade and Central Labour Institution shall be utilized for conducting training programmes arranged every year.

Once the emergency is controlled the Declarer of Emergency assesses the situation along with other team heads. If he is satisfied that normalcy is regained and no further hazards involved, he shall arrange **all clear signal** by giving one minute continuous siren at high pitch. All Authorities will be informed about this episode including Police Station, Revenue Department, Factory Inspectorate, SPCB and others. The incidence will be reviewed. After emergency situation is over, the Declarer of Emergency should appoint an expert committee of two to three members to,

- i. Identify the causes lead to the emergency situation.
- ii. Preventive measures to avoid recurrence of such situations in future.
- iii. Identifying the areas of lapses in implementation emergency plan so that the same can be improved in future.
- iv. Recommendation for further strengthening of EMP

Occupational Health & Safety

During operation stage, dust, gas cutting, welding may cause hazards, micro-ambient conditions near border, platforms etc. Periodical examination of workers' occupational health is necessary.

Health evaluation should do:

#	Occupation	Type of Evaluation	Frequency Pre-placement & Thereafter		
			For Age <30 every (years)	For Age 30-40 every (Years)	For Age 41-50 every (years)
1	Rice Husk feeding area	Chest X-ray, Spirometry & vision testing	5	4	2
2	Grain unloading area	Chest X-ray, Spirometry & vision testing	5	4	2
3	Main Control Room	Far & Near Vision, colour vision and hearing test	5	4	2
4	Ash handling area	Chest X-ray, Spirometry, vision & Hearing testing	5	4	2
5	Noise prone area	Audiometry	Annually		

Note: All workers engaged in material handling system will be regularly examined for lung diseases such as PFT (Pulmonary Function Test).

Heat Radiation

As a worst case, it is assumed that the entire contents are leaked out & on ignition; fire will eventually form a pool of fire. The resultant radiation has to be assessed of the pool fire.

The heat load on objects outside the burning pool of liquid can be calculated with the heat radiation model. This model uses an average radiation intensity which is dependent on the liquid. Account is also taken of the diameter to height ratio of the fire, which depends on the burning liquid. In addition, the heat load is also influenced by the following factors:

Distance from the fire

The relative humidity of the air (water vapour has a relatively high heat absorbing capacity)

Visualization and Simulation of Maximum Accidental Scenarios

The worst case scenario which is considered for MCA analysis is Pool fire due to failure of storage of ethanol storage tanks in the farm area. The proposed industry will provide 15 days storage of the final product within the plant premises. The following table provides the storage details of ethanol and Rectified spirit.

Ethanol Storage Details

#	Tank	Capacity ,m ³
1	Day receiver	100 X 3
2	IS Receiver	8 x 3
3	Fusel	5 x 4
4	Bulk receiver	1000 x 3
5	IS Bulk Storage	100 x 2
6	DNS/SDS Spirit	13 x 2
	Total , 17 Nos.	3570 KL

As a worst case it is assumed that the entire contents are leaked out. In the event of spilling its contents through a small leakage or due to rupture of the pipeline connecting the tank and on ignition fire will eventuate forming pool fire. As the tanks are provided within the dyke the fire will be confined within the dyke wall.

Fires affect surroundings primarily through radiated heat, which is emitted. If the level of heat radiation is sufficiently high, other objects, which are inflammable, can be ignited. In addition, any living organism may be burned by heat radiation. The damage caused by heat radiation can be calculated from the dose of radiation received, a measure of dose is the energy per unit area of surface exposed to radiation over the duration of exposure.

Effects of Pool Fire

Pool fire may result when bulk storage tanks will leak/burst, and the material released is ignited. As these tanks are provided with dyke walls to contain the leak and avoid spreading of flammable material, the pool fire will be confined to the dyke area only. However, the effects of radiation may be felt to larger area depending upon the size of the plant and quantity of material involved.

Thermal radiation due to pool fire may cause various degrees of burns of human bodies.

More ever, their effects on objects like piping, equipment are severe depending upon the intensity. The heat radiation intensities due to the pool fire of the above tank farms are computed using the pool fire model. The results obtained are presented in the following Table.

Pool Fire Scenarios and Radiation Distances	
Ethanol Storage Tanks Farm	Quantity of Storage : 3540 KL
	Dyke area : 59.5 m X 22m
Damage Criteria	Damage Distance (m)
100 % Lethality (35.5 kW/m ²)	5
50% Lethality (25.0 kW/m ²)	25
1 % Lethality (12.5 kW/m ²)	65
First Degree burns (4.5 kW/m ²)	140
Normal Intensity with no discomfort (1.6 kW/m ²)	170

Dr. Manish Sharma
M.D. Physician
M. 8264580387

Dr. Isha Sharma
Medical Officer
M. 8699975563

SHARMA HEALTH CARE

These Employees are examined by me in the permises of RAJASTHN LIQUORS
LIMITED ON DATED 16.09.2024 TO 23.09.2024


Dr. Isha Sharma
RMO
Raffles Hospital
Medical Officer Name
Regd. No. 3833
Panchkula

Signature with Registration no.

H.No. 122, MS Enclave Dhakoli, Zirakpur

AC/ No. 014791800004470 | IFSC Code : YESB0000147

Dr. Manish Sharma
M.D. Physician
M. 8264580387

Dr. Isha Sharma
Medical Officer
M. 8699975563

SHARMA HEALTH CARE

RAJASTHAN LIQUORS LIMITED
Barwala Road, Dera Bassi
Distt. - S.A.S. Nagar (Pb.)

SR. NO.	E.CODE	NAME	FATHER NAME	DEPARTMENT	B.P.	Pulse	Temp.	Remarks
1	10100	SUNIL KUMAR	OMPRAKASH	GENERAL	120 / 80	72	97	Fit
2	10102	PARMATMA SHUKLA	RAMGATI SHUKLA	POWER PLANT	130 / 80	70	98	Fit
3	10103	SHIV CHARAN	SANTRAM	ENGINEERING	110 / 80	75	97	Fit
4	10104	HARJIT SINGH ANAND	HARBANS SINGH ANAND	ELECTRICAL & INSTRUM	120 / 80	78	98	Fit
5	10106	MAHESH CHANDRA	BHAGWAN DAS	POWER PLANT	115 / 70	73	97	Fit
6	10107	SHIVMOHAN DIXIT	BHARAT PRASAD DIXIT	MANUFACTURING	110 / 70	75	98	Fit
7	10108	JANARDAN TIWARI	KRISHAN GOPAL TIWARI	MANUFACTURING	130 / 80	70	97	Fit
8	10110	PAVAN KUMAR DUBEY	DAYA SHANKAR DUBEY	PRODUCTION	115 / 80	80	98	Fit
9	10111	BALENDRA RAM	DHANAI RAM	WATER TREATMENT CEL	115 / 70	71	98	Fit
10	10112	AMIT KUMAR SINGH	ANJANI SINGH	MANUFACTURING	120 / 80	70	97	Fit
11	10116	AJAY PAL	SURJAN SINGH	PRODUCTION	110 / 80	78	98	Fit
12	10117	PAWAN KUMAR VERMA	BULLI VERMA	MANUFACTURING	120 / 80	74	98	Fit
13	10118	AMARNATH PANDEY	TIRTH RAJ PANDEY	PRODUCTION	110 / 70	73	98	Fit
14	10125	DIGVIJAY YADAV	PARASNATH YADAV	PRODUCTION	120 / 80	74	97	Fit
15	10127	SURENDAR SINGH	SHER SINGH	POWER PLANT	110 / 70	70	98	Fit
16	10128	NARESH PAL	MEWA RAM	ENGINEERING	130 / 80	77	98	Fit
17	10129	HARPAL SINGH	GARJA SINGH	ENGINEERING	115 / 80	72	98	Fit
18	10130	VIJAY KUMAR	LAKSHMAN PRASAD	WATER TREATMENT CEL	130 / 80	71	98	Fit
19	10131	SANJEEV KUMAR	MAHENDRA SINGH	PRODUCTION	110 / 70	74	97	Fit
20	10134	MUKESH KUMAR	RAMPAL SINGH	WATER TREATMENT CEL	120 / 80	77	98	Fit
21	10136	SUDHIR PANDEY	DINESH PANDEY	PRODUCTION	110 / 70	72	97	Fit
22	10137	DINESH TIWARI	NITYA NAND TIWARI	MANUFACTURING	110 / 80	72	98	Fit
23	10139	LAKHWINDER BAWA	JAGDISH MITTER	ENGINEERING	115 / 70	75	97	Fit
24	10144	SUNIL RAI	HARENDRA RAI	MANUFACTURING	110 / 70	72	97	Fit
25	10145	GAGAN PUNJ	VINOD PUNJ	SALES	120 / 80	73	98	Fit
26	10146	KULDEEP SINGH	MAM RAJ	ENGINEERING	130 / 80	72	97	Fit
27	10147	TOTA LAL	GAJPAL LAL	MANUFACTURING	110 / 70	80	98	Fit
28	10148	SATENDRA PAL SINGH	BRAHAM PAL SINGH	ENGINEERING	110 / 80	70	98	Fit
29	10149	BHAGYA NARAYAN SINGH	JAGAT SINGH		120 / 80	72	97	Fit
30	10155	INDERJIT SINGH	PREETAM SINGH	ELECTRICAL & INSTRUM	115 / 80	75	98	Fit
31	10158	DALBIR SINGH	KRIPAL SINGH	MANUFACTURING	120 / 80	72	98	Fit
32	10159	SUDHEER KUMAR	RAHTU SINGH	PRODUCTION	110 / 70	74	98	Fit
33	10160	RAKESH KUMAR	KRISHAN LAL	WATER TREATMENT CEL	110 / 80	75	98	Fit

H.No. 122, MS Enclave Dhakoli, Zirakpur

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M.D. Physician


Dr. Isha Sharma
Medical Officer
Raffels Hospital
SCO 138, Sec. 14, Panchkula
Regd. No. 3833

SHARMA HEALTH CARE

RAJASTHAN LIQUORS LIMITED

Barwala Road, Dera Bassi

Distt. - S.A.S. Nagar (Pb.)

SR.NO.	E.CODE	NAME	FATHER NAME	DEPARTMENT	B.P.	Pulse	Temp.	Remarks
34	10161	SURESH SINGH	NAIB SINGH	ENGINEERING	115 / 70	71	98	Fit
35	10164	BALBEER SINGH	CHHOTU RAM	GENERAL	130 / 80	80	98	Fit
36	10167	SATBIR SINGH	RAGHUBEER SINGH	ELECTRICAL & INSTRUM	115 / 80	72	98	Fit
37	10171	SHER SINGH	NIRMAL SINGH	STORE	115 / 70	72	97	Fit
38	10173	ANURAG PANDEY	ANIL KUMAR	MANUFACTURING	110 / 70	74	97	Fit
39	10177	HUSN DEEN	RANGI KHAN	ELECTRICAL & INSTRUM	130 / 80	70	98	Fit
40	10178	RAMESH SINGH	LAL SINGH	GENERAL	110 / 70	76	98	Fit
41	10180	SATISH KUMAR	MR BHUPINDER SINGH	ACCOUNTS	110 / 80	78	97	Fit
42	10181	VINAY KUMAR PANDEY	KASHI RAM PANDEY	PRODUCTION	120 / 80	79	98	Fit
43	10182	SUKHWINDER SINGH	LABH SINGH	ADMINISTRATION	115 / 70	70	97	Fit
44	10184	PARVEEN KUMAR	SINGH RAM	ELECTRICAL & INSTRUM	130 / 80	71	97	Fit
45	10186	ASHWANI KUMAR NALWA	KIDAR NATH NALWA	MANUFACTURING	115 / 70	77	98	Fit
46	10189	NARESH MITTAL	LATE. PREM CHAND	COMMERCIAL	115 / 70	76	97	Fit
47	10190	JAI PRAKASH	BASADEV	POWER PLANT	130 / 80	75	97	Fit
48	10193	DEEPAK KUMAR	SUBHASH SINGH	ENGINEERING	115 / 70	72	98	Fit
49	10194	VIKRAM KUMAR	RAMESH KUMAR	PRODUCTION	120 / 80	74	97	Fit
50	10196	BHIM SINGH	DILIP SINGH	GENERAL	130 / 80	70	98	Fit
51	10197	VARINDER SINGH	BALDEV SINGH	POWER PLANT	110 / 80	76	97	Fit
52	10198	SUKHVINDER KUMAR	MOHAN LAL	ACCOUNTS	120 / 80	80	97	Fit
53	10199	SANJEEV KUMAR	SHANTI SWAROOP	ACCOUNTS	115 / 70	73	97	Fit
54	10200	AJAY SHARMA	SATPAL SHARMA	STORE	110 / 70	70	98	Fit
55	10201	SHISHPAL	RAJENER PAL	MANUFACTURING	130 / 80	74	97	Fit
56	10202	PARDEEP RANA	KARAN PAL	MANUFACTURING	115 / 80	79	98	Fit
57	10203	MANOJ KUMAR DUBEY	OM NARAYAN DUBEY	SECURITY	115 / 70	80	98	Fit
58	10204	GULFAN MUHAMMAD	LATIF MOHAMMAD	MANUFACTURING	120 / 80	72	97	Fit
59	10209	SANDEEP SHARMA	SH SAMVAT RAM	MANUFACTURING	120 / 80	78	98	Fit
60	10210	LOVKESH SHARMA	SHIV KUMAR SHARMA	MANUFACTURING	115 / 70	73	97	Fit
61	10212	RAKESH KUMAR	LATE SH. AMAR CHAND	POWER PLANT	110 / 70	75	98	Fit
62	10213	KAMAL KUMAR	RAM SAVROOP	COMMERCIAL	115 / 80	80	98	Fit
63	10214	DEVENDRA VERMA	OM PRAKASH VERMA	ENGINEERING	115 / 70	71	98	Fit
64	10215	ROMMI	JAGGA RAM	ENGINEERING	120 / 80	70	97	Fit
65	10221	JITENDRA SINGH	OM PRAKASH SINGH	ELECTRICAL & INSTRUM	130 / 80	72	97	Fit
66	10342	MANISH PATEL	BABULAL PATEL	POWER PLANT	120 / 80	74	98	Fit
67	10364	PAWAN SINGH CHAUHAN	RAJ KISHOR SINGH	POWER PLANT	110 / 70	72	97	Fit
68	10368	VIRENDRA SINGH	SOUDAN SINGH	MANUFACTURING	120 / 80	73	98	Fit
69	10370	RAJESH KUMAR JAISWAL	HARI PRASAD JAISWAL	PRODUCTION	110 / 70	80	98	Fit
70	10371	MANOJ KUMAR	RAM PRAKASH	STORE	110 / 80	70	98	Fit
71	10373	SUSHEEL KUMAR SHARMA	SATYAPRAKASH SHARMA	MANUFACTURING	120 / 80	72	97	Fit

H.No. 122, MS Enclave Dhakoli, Zirakpur

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SHARMA HEALTH CARE

RAJASTHAN LIQUORS LIMITED

Barwala Road, Dera Bassi

Distt. - S.A.S. Nagar (Pb.)

SR.NO.	E.CODE	NAME	FATHER NAME	DEPARTMENT	B.P.	Pulse	Temp.	Remarks
72	10436	MINTU RANA	GORAKH RAM	FIRE & SAFETY	110 / 70	79	98	Fit
73	10460	VIJAY KUMAR	VINOD KUMAR	SALES	130 / 80	77	97	Fit
74	10479	KULDEEP KUMAR	GULZAR SINGH	ELECTRICAL & INSTRUM	110 / 70	74	98	Fit
75	10494	MANISH KUMAR	JASWANT SINGH	ELECTRICAL & INSTRUM	110 / 80	75	98	Fit
76	10495	CHINKIT CHAUHAN	BALJEET SINGH	ELECTRICAL & INSTRUM	115 / 70	71	98	Fit
77	10523	SACHIDANAND SAHANI	XYZ.	MANUFACTURING	120 / 80	73	98	Fit
78	10524	SANDEEP KUMAR SHARMA	VIJAY KUMAR SHARMA	MANUFACTURING	130 / 80	75	98	Fit
79	10525	JASMEET SINGH	SHINGARA SINGH	POWER PLANT	110 / 80	70	97	Fit
80	10528	BALVINDER SINGH	RAVIL SINGH	ELECTRICAL & INSTRUM	130 / 80	75	98	Fit
81	10539	HARMANPREET SINGH	SURINDER SINGH	ELECTRICAL & INSTRUM	120 / 80	80	97	Fit
82	10542	MAHENDRA SINGH	MAHERBAN SINGH	MECHANICAL	130 / 80	74	98	Fit
83	10567	SANJAY KUMAR	JAI CHAND SHARMA	ELECTRICAL & INSTRUM	130 / 80	74	97	Fit
84	10600	POORAN SINGH	MEGH SINGH	WATER TREATMENT CEL	115 / 70	73	97	Fit
85	10601	AMIT KUMAR CHAUHAN	HARCHARAN SINGH	WATER TREATMENT CEL	110 / 70	75	98	Fit
86	10607	HARIVANSH YADAV	RAMPATI YADAV	POWER PLANT	115 / 80	80	98	Fit
87	10788	JASBIR SINGH		MECHANICAL	110 / 80	70	98	Fit
88	10812	ADITYA KUMAR	UPENDRA KUMAR	WATER TREATMENT CEL	115 / 70	71	97	Fit
89	10818	KARANDEEP	LAKSHMAN DAS	ELECTRICAL & INSTRUM	110 / 70	79	98	Fit
90	10848	ACHHAR SINGH	KANDHARA SINGH	PRODUCTION	110 / 70	74	98	Fit
91	10849	MANEESH KUMAR	RAM LAL	PRODUCTION	110 / 80	75	98	Fit
92	10859	RAM	JATINDER SINGH	GENERAL	115 / 80	71	98	Fit
93	10863	BIR SINGH	GUJJAR SINGH	MECHANICAL	120 / 80	73	98	Fit
94	10867	SURAJ KUMAR	RAM SINGH	PRODUCTION	130 / 80	75	98	Fit
95	10868	ADARSH ROHTA	RAJENDER SINGH	PRODUCTION	115 / 80	80	98	Fit
96	10875	NEERAJ	RAM NIWAS	WATER TREATMENT CEL	115 / 70	71	98	Fit
97	10906	RAJNEESH KUMAR	SOHAN LAL	INFORMATION TECHNO	120 / 80	70	97	Fit
98	10907	MUKESH KUMAR	RAMPRAKASH	PRODUCTION	130 / 80	72	97	Fit
99	10922	MANISH KUMAR	SHER SINGH	PRODUCTION	130 / 80	77	97	Fit
100	10948	MANISH KUMAR	SHER SINGH	FIRE & SAFETY	110 / 80	70	98	Fit
101	10954	DEVI DAYAL	HUKAM CHAND	ENGINEERING	115 / 70	71	97	Fit
102	10955	SHYAM MOHAN DIXIT	KRISHAN MOHAN	PRODUCTION	110 / 70	79	98	Fit
103	10956	GAURAV KUMAR	RAMKUMAR SINGH	CELL (WTC)	130 / 80	77	97	Fit
104	10961	DAVINDER KUMAR	RAMESH KUMAR	MECHANICAL	115 / 80	75	98	Fit
105	10963	SAHIL	KARAM SINGH	GENERAL	115 / 70	72	98	Fit
106	10965	KULWANT SINGH	AJMER SINGH	MECHANICAL	120 / 80	72	98	Fit
107	10966	MAHRNDRA SINGH DHAMI	BEER SINGH DHAMI	GENERAL	110 / 70	74	98	Fit
108	10967	GURMAIL SINGH	GURDAYAL SINGH	MECHANICAL	110 / 80	75	98	Fit

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Dr. Isha Sharma
 RMO
 Dr. Isha Sharma
 Medical Officer
Rajwal Hospital
 SCO 14, Panchkula
 Regd. No. 3833

SHARMA HEALTH CARE

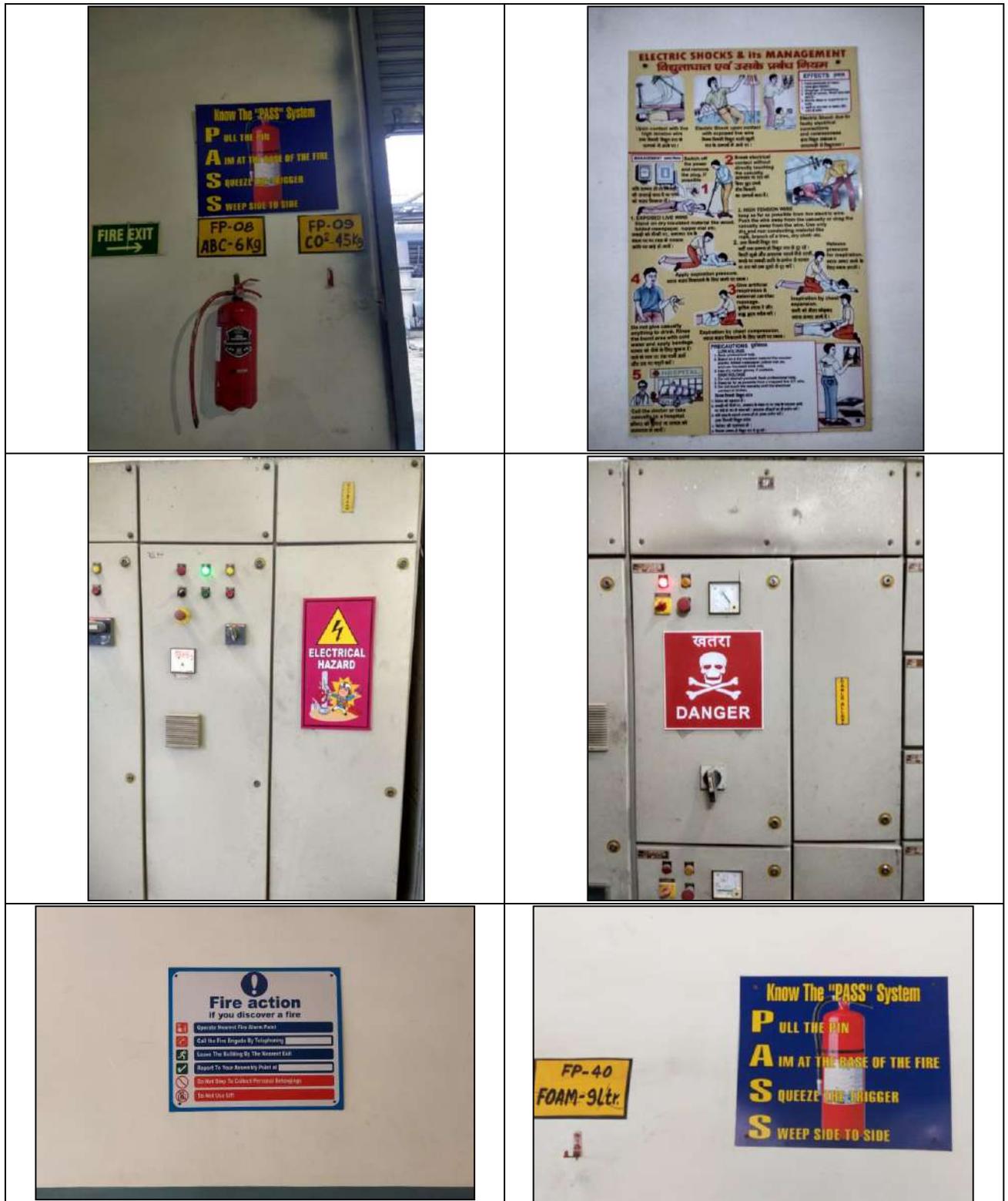
RAJASTHAN LIQORS LIMITED
Barwala Road, Dera Bassi
Distt. - S.A.S. Nagar (Pb.)

SR.NO.	E.CODE	NAME	FATHER NAME	DEPARTMENT	B.P.	Pulse	Temp.	Remarks
109	10969	PARVEEN KUMAR	BUDHI SINGH	INSTRUMENTATION	115 / 70	71	98	Fit
110	11013	KARAN SAINI	BHUPINDER SINGH	POWER PLANT	120 / 80	73	98	Fit
111	11014	DEEP NARAIN YADAV	PARAS YADAV	INSTRUMENTATION	130 / 80	75	98	Fit
112	11028	SACHIN JAIN	LT SURINDER KUMAR JAI	HUMAN RESOURCES	120 / 80	80	97	Fit
113	11029	SANDEEP SINGH	MAHINDER SINGH	INSTRUMENTATION	115 / 70	70	97	Fit
114	11031	SANGEET	FATEH SINGH	POWER PLANT	120 / 80	75	97	Fit
115	11032	SANDEEP SINGH	ACHHAR SINGH	MANUFACTURING	130 / 80	76	98	Fit
116	11054	ABHISHEK	SURENDRA SINGH	PRODUCTION	115 / 70	73	97	Fit
117	11059	DHARMENDRA SINGH	KARNEL SINGH	MECHANICAL	110 / 70	70	98	Fit
118	11060	ANURAG SINGH	AJENDRA PRATAP SINGH	PRODUCTION	130 / 80	74	97	Fit
119	11061	MONU KUMAR SHARMA	SHAMBHU SHARMA	PRODUCTION	115 / 80	79	98	Fit
120	11069	NIRMLA DEVI	DIWAN CHAND	PRODUCTION	120 / 80	72	97	Fit
121	11072	CHHATIS KUMAR	ASHOK YADAV	CELL (WTC)	115 / 70	73	97	Fit
122	11074	HARI PAL	GOPAL SINGH	SALES	115 / 80	80	98	Fit
123	11078	ROHIT	RAM BAHADUR	PRODUCTION	120 / 80	70	97	Fit
124	11087	MOHIT SAINI	NAIB SAINI	MECHANICAL	120 / 80	75	97	Fit
125	11091	ANMOL KUMAR	DHARAM VER SINGH	CELL (WTP/ETP)	130 / 80	76	98	Fit
126	11096	GAGAN SHARMA	MOHAN LAL SHARMA	STORE	115 / 70	73	97	Fit
127	11097	RAVI	RAJ SINGH	POWER PLANT	110 / 70	70	98	Fit
128	11099	KAUSHAL KUMAR SETH	ASHOK SETH	INSTRUMENTATION	130 / 80	74	97	Fit
129	11100	PRINCE	RISHI PAL	GENERAL	115 / 80	79	98	Fit
130	11101	ANKIT KUMAR	SHRIPAL	PRODUCTION	120 / 80	72	97	Fit
131	11106	MITHUN KUMAR	DAYANAND YADAV	PRODUCTION	115 / 70	73	97	Fit
132	11109	SURJIT SINGH	LT. JAGGA RAM	MECHANICAL	110 / 70	75	98	Fit
133	11120	SARVAN SINGH	BACHAN SINGH	INSTRUMENTATION	115 / 80	80	98	Fit
134	11124	SHIVAM JAISWAL	SURENDR	PRODUCTION	120 / 80	70	97	Fit
135	11125	MOHIT MISHRA	DEV SHARAN MISHRA	PRODUCTION	120 / 80	70	97	Fit
136	11133	AKASH KUMAR	SUNIL KUMAR	CELL (WTP/ETP)	120 / 80	70	97	Fit
137	11143	JATINDER SINGH	MEHAR SINGH	POWER PLANT	120 / 80	70	97	Fit
138	11144	MOHSIN KHAN	TRABUDEEN KHAN	INSTRUMENTATION	120 / 80	70	97	Fit
139	11145	AMANDEEP SINGH	SHIV KUMAR	POWER PLANT	120 / 80	70	97	Fit
140	11156	SACHIN KUMAR	LT ARVIND KUMAR	PRODUCTION	115 / 70	73	97	Fit
141	11172	PREETY KUMARI	MANOJ SINGH	PRODUCTION	110 / 70	75	98	Fit
142	11180	CHHOTELAL YADAV	RAMAKANT YADAV	INSTRUMENTATION	115 / 80	80	98	Fit

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Regd. No. 3833

Annexure 14 Photographs showing Safety Sign boards Displayed in the Premises



Annexure 15 Photographs showing Parking Facilities of Vehicles



Annexure 16 Photographs showing Greenbelt Plantation











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



Office Dispatch No :	Registered/Speed Post	Date:
Industry Registration ID: R14SAS1819848		Application No : 25190889

To,
 Rupinder Singh Sidhu
 Village Haripur Hinduan Barwala Road Dera Bassi Sas Nagar Punjab
 Mohali, Sasnagar-140507

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

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

Consent to Operate Certificate No.	CTOA/Renewal/SAS/2024/25190889
Date of issue :	25/04/2024
Date of expiry :	31/03/2029
Certificate Type :	Renewal
Previous CTO No. & Validity :	CTOA/Renewal/SAS/2019/9622993 From:21/05/2023 To:31/03/2024

2. Particulars of the Industry

Name & Designation of the Applicant	Rupinder Singh Sidhu, (Operation Head)
Address of Industrial premises	Rajasthan Liquors Limited (distillery Division), Vill. Haripur Hinduan, Barwala Road, Dera Bassi, Derabassi, Sas Nagar-160073
Capital Investment of the Industry	14519.53 lakhs
Category of Industry	Red
Type of Industry	Distilleries
Scale of the Industry	Large
Office District	Sas Nagar

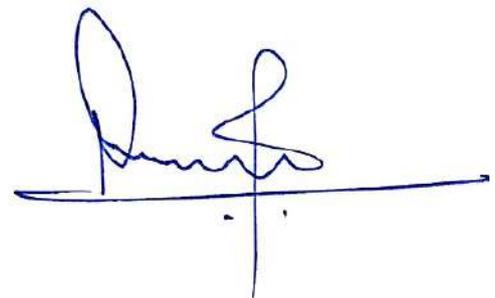
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Rajasthan Liquors Limited (distillery Division), Vill. Haripur Hinduan, Barwala Road, Dera Bassi, Derabassi, Sas Nagar, 160073

Page 1

All the term and conditions same as mentioned in the consent no. CTOA/Renewal/SAS/2019/9622993 dated 21/5/2019 (valid upto 31/3/2024), is hereby extended upto 31/3/2029. This extension letter may be appended with the original consent letter issued to the industry and subsequent extension letter with the following additional conditions that:

- 1) The industry shall comply with the conditions of Environmental Clearance granted under the EIA notification dated 14/9/2006.
- 2) The industry shall maintain proper record of consumption of fresh water, generation of trade effluent and disposal of treated wastewater, at all times.
- 3) The industry shall not discharge any effluent at any unauthorized place by any unauthorized means i.e. shall not discharge any wastewater in any drain/ inland surface waters/ drain/ choe/ nallah/ onto land for stagnation or outside its premises, at any time, under any circumstances.
- 4) The entire responsibility of treatment and disposal arrangements provided at the site, shall be of the industry.
- 5) The industry shall ensure that the activities of unit does not create any nuisance in the surrounding areas and no public complaints are received.
- 6) This consent is being issued to the industry based upon the documents/ information submitted by it along with the online application form. The Board would be at liberty to take penal action against the industry and its responsible/ concerned person(s) in case information/ document is detected as incorrect/ false/ misleading at any point of time. 9. In case the industry fails to comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the 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 industry.
- 7) The industry shall devise the ways & means to minimize the generation of all kind of wastes through REDUCE, REUSE and RECYCLE activities. The generated waste, if any, shall be properly handled and managed as per the provisions of the Municipal Solid Waste Rules 2016 in an environmentally sound manner.
- 8) The industry shall 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.
- 9) The industry shall ensure that there are no usages of plastic carry bags and single use plastic/ thermocol disposable items such as water bottles/ water pouches/ water cups, plates, forks, spoons, straw etc. and single use decorating material made of plastic-thermocol or any other non-biodegradable material in the premises.
- 10) The industry 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.
- 11) The industry 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>).



25/04/2024

(Rajeev Gupta)
Environmental Engineer

For & on behalf

of

(Punjab Pollution Control Board)

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Rajasthan Liquors Limited (distillery Division), Vill. Haripur Hinduan, Barwala Road, Dera Bassi, Derabassi, Sas Nagar, 160073

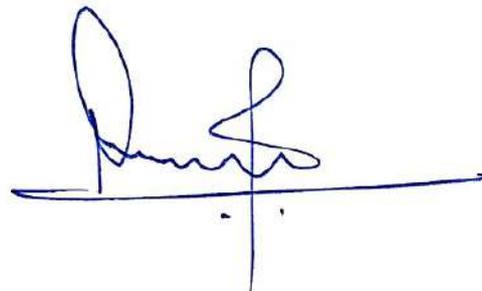
Page2

Endst. No.:

Dated:

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

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



25/04/2024

(Rajeev Gupta)
Environmental Engineer

For & on behalf

of

(Punjab Pollution Control Board)



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Rajasthan Liquors Limited (distillery Division), Vill. Haripur Hinduan, Barwala Road, Dera Bassi, Derabassi, Sas Nagar, 160073

Page 3



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



Office Dispatch No :	Registered/Speed Post	Date:
Industry Registration ID: R14SAS1819848		Application No : 25190999

To,
Rupinder Singh Sidhu
Village Haripur Hinduan Barwala Road Dera Bassi Sas Nagar Punjab
Mohali,Sasnagar-140507

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

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

Consent to Operate Certificate No.	CTOW/Renewal/SAS/2024/25190999
Date of issue :	25/04/2024
Date of expiry :	31/03/2029
Certificate Type :	Renewal
Previous CTO No. & Validity :	CTOW/Renewal/SAS/2023/21354582 From:28/05/2023 To:31/03/2024

2. Particulars of the Industry

Name & Designation of the Applicant	Rupinder Singh Sidhu, (Operation Head)
Address of Industrial premises	Rajasthan Liquors Limited (distillery Division), Vill. Haripur Hinduan, Barwala Road, Dera Bassi, Derabassi,Sas Nagar-160073
Capital Investment of the Industry	14519.53 lakhs
Category of Industry	Red
Type of Industry	Distilleries
Scale of the Industry	Large
Office District	Sas Nagar

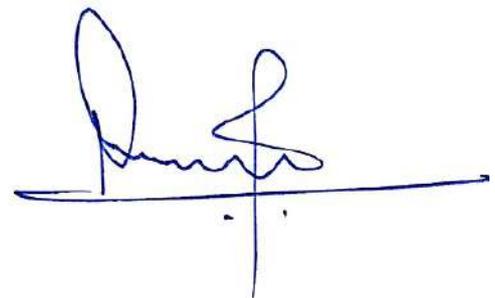
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Page1

All the term and conditions same as mentioned in the consent no. CTOW/Renewal/SAS/2023/21354582 dated 28/5/2023 (valid upto 31/3/2024), is hereby extended upto 31/3/2029. This extension letter may be appended with the original consent letter issued to the industry and subsequent extension letter with the following additional conditions that:

- 1) The industry shall comply with the conditions of Environmental Clearance granted under the EIA notification dated 14/9/2006.
- 2) The industry shall maintain proper record of consumption of fresh water, generation of trade effluent and disposal of treated wastewater, at all times.
- 3) The industry shall not discharge any effluent at any unauthorized place by any unauthorized means i.e. shall not discharge any wastewater in any drain/ inland surface waters/ drain/ choe/ nallah/ onto land for stagnation or outside its premises, at any time, under any circumstances.
- 4) The entire responsibility of treatment and disposal arrangements provided at the site, shall be of the industry.
- 5) The industry shall ensure that the activities of unit does not create any nuisance in the surrounding areas and no public complaints are received.
- 6) This consent is being issued to the industry based upon the documents/ information submitted by it along with the online application form. The Board would be at liberty to take penal action against the industry and its responsible/ concerned person(s) in case information/ document is detected as incorrect/ false/ misleading at any point of time. 9. In case the industry fails to comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the 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 industry.
- 7) The industry shall devise the ways & means to minimize the generation of all kind of wastes through REDUCE, REUSE and RECYCLE activities. The generated waste, if any, shall be properly handled and managed as per the provisions of the Municipal Solid Waste Rules 2016 in an environmentally sound manner.
- 8) The industry shall 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.
- 9) The industry shall ensure that there are no usages of plastic carry bags and single use plastic/ thermocol disposable items such as water bottles/ water pouches/ water cups, plates, forks, spoons, straw etc. and single use decorating material made of plastic-thermocol or any other non-biodegradable material in the premises.
- 10) The industry 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.
- 11) The industry 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>).



25/04/2024

(Rajeev Gupta)
Environmental Engineer

For & on behalf

of

(Punjab Pollution Control Board)

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Rajasthan Liquors Limited (distillery Division), Vill. Haripur Hinduan, Barwala Road, Dera Bassi, Derabassi, Sas Nagar, 160073

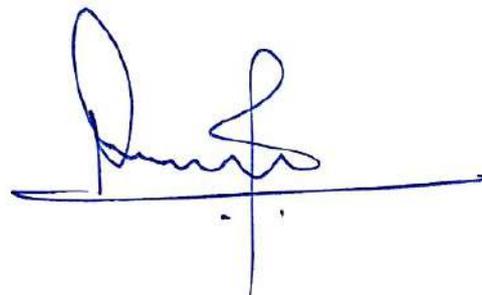
Page2

Endst. No.:

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

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



25/04/2024

(Rajeev Gupta)
Environmental Engineer

For & on behalf
of

(Punjab Pollution Control Board)



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Page 3



By Speed Post/Online

F.No. J-11011/263/2010- IA II(I)
Government of India
Ministry of Environment, Forest and Climate Change
(IA-II Section)

Indira Paryavaran Bhawan
 Jorbagh Road, New Delhi - 3

Dated: 21st February, 2020

✓ To

M/s Rajasthan Liquors Limited
 Industrial FEZ, Village Haripur Hinduan
 & Saidupura, Tehsil Derabassi
 District SAS Nagar (Mohali), Punjab

Email: operation.head@rll.co.in

Sub: Expansion of Grain based distillery from 120 KLPD to 145.2 KLPD by modernization and efficiency improvement at Industrial FEZ, Village Haripur Hinduan & Saidupura, Tehsil Derabassi, District SAS Nagar (Mohali), Punjab by M/s Rajasthan Liquors Limited - Environmental Clearance - reg.

Sir,

This has reference to your proposal No. IA/PB/IND2/123702/2019 dated 1st November 2019, for environmental clearance to the above project.

2. The Ministry of Environment, Forest and Climate Change has examined the proposal for environmental clearance to the project for Expansion of Grain based distillery from 120 KLPD to 145.2 KLPD by modernization and efficiency improvement by M/s Rajasthan Liquors Limited in an area of 4.25 ha located at Industrial FEZ, Village Haripur Hinduan & Saidupura, Tehsil Derabassi, District SAS Nagar (Mohali), Punjab.

3. The details of products are as under:

S.No.	Product	Existing	Proposed	Total
1	Grain based Distillery (Extra Neutral Alcohol /Ethanol / Rectified Spirit)	120 KLPD	25.2 KLPD	145.2 KLPD
2	Co-generation Power Plant	3.0 MW	Nil	3.0 MW
3	IMFL/ CL Bottling Plant	12000 cases/day		

4. The existing land area is 4.25 ha (10.5 acres). The proposed expansion will be done within the existing plant premises. Industry has developed greenbelt in an area of 1.4 ha (3.5 acres) covering 33 % of total project area. The estimated project cost is Rs. 25 crores. Total capital cost earmarked towards environmental pollution control measures is Rs. 5 crores and the recurring cost (O&M) will be about Rs. 0.3 crores per annum. The project will provide employment for 120 persons directly & 60 persons indirectly after expansion.

EC for M/s Rajasthan Liquors Limited

Page 1 of 8

5. There are no national parks, wildlife sanctuaries, biosphere reserves, Tiger/ Elephant Reserves, wildlife corridors etc., within 10 km distance from the plant site.

6. Existing fresh water requirement is 1200 cum/day, which will be reduced to 1127 cum/day after expansion, being met from existing ground water source. Effluent (Process condensate) of 541 cum/day will be treated through state of art CPU (Filters & RO) of capacity 700 cum/day. There will be no discharge of treated/untreated waste water from the unit, and thus ensuring Zero Liquid Discharge.

The existing power requirement is 3.0 MW, being met from Co-generation Power Plant, State Electricity Board & DG sets (for emergency), which will cater to the proposed expansion. Existing unit has DG set of 500 KVA & 1010 KVA which is used as standby during power failure. Stack (height-6 m) has been provided as per CPCB norms to the existing DG sets.

Existing unit has 36 TPH (AFBC Type) rice husk/coal fired boiler and no additional boiler is envisaged in the proposed expansion. Electrostatic Precipitators (ESP) with a stack height of 52 m is installed to control the particulate emissions within the statutory limits.

CO₂ generated during the fermentation process will be recovered by scrubbers and shall be sold to beverage & packaging industry. Online Stack Monitoring System has been installed as per CPCB guidelines. Solid waste from the grain based operations generally comprises of fibers and proteins in the form of DDGS, which will be ideally used as cattle feed. ETP sludge will be dewatered in sludge drying beds and will be used as manure. Fly ash generated from the boiler will be supplied to brick/cement manufacturers. Used oil & grease generated from plant machinery/gear boxes as hazardous waste will be sold out to the CPCB authorized recyclers.

7. The project/activity is covered under category B of item 5 (g) 'Distilleries' of the Schedule to the EIA Notification, 2006. Due to applicability of general condition (Interstate boundary of Punjab and Haryana at 2.2 km), the project requires appraisal at central level by the sectoral Expert Appraisal Committee in the Ministry.

8. The proposal is submitted under Section 7(ii) of the EIA Notification, 2006 as amended on 23rd November, 2016, requesting exemption from fresh terms of reference (ToR), EIA/EMP report and public hearing/consultation.

The Ministry has earlier issued environmental clearance vide letter dated 26th September, 2012 to the existing project ' Distillery plant (grain based, 120 KLD) with cogeneration power plant (3MW) in favor of M/s Rajasthan Liquors Limited located at Village Haripur Hinduan, Derabassi, District SAS Nagar, Punjab. The compliance report of the existing EC conditions was forwarded by the Regional Office of the Ministry at Chandigarh, vide letter dated 20th May, 2019 (site visit on 14th February, 2019).

9. The proposal was considered by the Expert Appraisal Committee (Industry-2) in its meeting held on 30-31 December, 2019 & 1st January, 2020 in the Ministry, wherein the project proponent and their accredited consultant M/s JM EnviroNet Pvt Ltd presented the EIA/EMP report as per the ToR. The Committee found the EIA/EMP report complying with the ToR and recommended the project for grant of environmental clearance.

10. Based on the proposal submitted by the project proponent and recommendations of the EAC (Industry-2), Ministry of Environment, Forest and Climate change hereby accords environmental clearance to the project for **Expansion of Grain based distillery from 120 KLPD to 145.2 KLPD by modernization and efficiency improvement by M/s Rajasthan Liquors Limited located at Industrial FEZ, Village Haripur Hinduan & Saidupura, Tehsil Derabassi, District SAS Nagar (Mohali), Punjab**, under the provisions of the EIA Notification, 2006, subject to the compliance of terms and conditions as under:-

- (i) The grant of environmental clearance is subject to decision of Punjab Pollution Control Board/CGWA regarding permission for ground water extraction, and subject to final order of Hon'ble NGT regarding extraction of ground water in the Derabassi area.
- (ii) Grain unfit for human consumption shall only be used for industrial operations.
- (iii) Necessary permission as mandated under the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981, as applicable from time to time, shall be obtained from the State Pollution Control Board as required.
- (iv) As already committed by the project proponent, Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises.
- (v) Concentrated spent wash shall be incinerated and not to be released in open space.
- (vi) Solid waste from the grain based operations in the form of DDGS, shall be sold/utilized.
- (vii) CO₂ generated from the process shall be bottled/made solid ice and sold to authorized vendors.
- (viii) 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 provisions contained in the Rules shall be strictly adhered to.
- (ix) To control source and the fugitive emissions, 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.
- (x) Odour shall be prevented at the source and effective odour management scheme shall be implemented.
- (xi) Total fresh water requirement shall not exceed 1127 cum/day, proposed to meet from ground water. Prior permission shall be obtained from the concerned regulatory authority/CGWA, and renewed from time to time.
- (xii) 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.


EC for M/s Rajasthan Liquors Limited

Page 3 of 8

- (xiii) 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.
- (xiv) 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.
- (xv) The company shall undertake waste minimization measures as below:-
 - (a) Metering and control of quantities of active ingredients to minimize waste.
 - (b) Reuse of by-products from the process as raw materials or as raw material substitutes in other processes.
 - (c) Use of automated filling to minimize spillage.
 - (d) Use of Close Feed system into batch reactors.
 - (e) Venting equipment through vapour recovery system.
 - (f) Use of high pressure hoses for equipment clearing to reduce wastewater generation.
- (xvi) 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 consultation with the State Forest Department.
 - (i). As proposed Rs.1.25 crores shall be allocated for Corporate Environment Responsibility (CER). As proposed, the CER funds shall be utilized for renovation/infrastructure development of schools, hospitals, skill development of farmers/youths, upgrading & maintenance of the ponds, rainwater harvesting in nearby villages, etc. The CER plan shall be completed within a period of 3 years.
- (xvii) 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.
- (xviii) 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.
- (xix) Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
- (xx) 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.
- (xxi) Storage of raw materials shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.
- (xxii) 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 ZLD, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises.

10.1 The grant of environmental clearance is further subject to compliance of other general conditions as under:-

- (i) The Project Proponent shall obtain all other statutory/necessary permissions/recommendations/NOCs prior to start of construction/operation of the project, which *inter alia* include, permission/approvals under the Forest (Conservation) Act, 1980; the Wildlife (Protection) Act, 1972; the Coastal Regulation Zone Notification, 2019, as amended from time to time, and other Office Memoranda/Circular issued by the Ministry of Environment, Forest and Climate Change from time to time, as applicable to the project.
- (ii) The project proponent shall ensure compliance of 'National Emission Standards', as applicable to the project, issued by the Ministry from time to time. The project proponent shall also abide by the rules/regulations issued by the CPCB/SPCB for control/abatement of pollution.
- (iii) The project authorities shall adhere to the stipulations made by the State Pollution Control Board/Committee, Central Pollution Control Board, State Government and any other statutory authority.
- (iv) The project proponent shall prepare a site specific conservation plan and wildlife management plan in case of the presence of Schedule-1 species in the study area, as applicable to the project, and submit to Chief Wildlife Warden for approval. The recommendations shall be implemented in consultation with the State Forest/Wildlife Department in a time bound manner.
- (v) No further expansion or modifications in the plant, other than mentioned in the EIA Notification, 2006 and its amendments, 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 measures required, if any.
- (vi) The energy source for lighting purpose shall be preferably LED based, or advance having preference in energy conservation and environment betterment.
- (vii) The locations 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 station each is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.
- (viii) The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be followed.
- (ix) The overall noise levels in and around the plant area shall be kept well within the standards 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).

- (x) The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and to utilize the same for process requirements.
- (xi) Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.
- (xii) The company shall also 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, and risk mitigation measures relating to the project shall be implemented.
- (xiii) The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. CER activities shall be undertaken by involving local villages and administration and shall be implemented.
- (xiv) The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.
- (xv) A separate Environmental Management Cell (having qualified person with Environmental Science/Environmental Engineering/specialization in the project area) equipped with full fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.
- (xvi) 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 funds so earmarked for environment management/ pollution control measures shall not be diverted for any other purpose.
- (xvii) A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zilla Parishad/Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal.
- (xviii) 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.
- (xix) The environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted to the concerned State Pollution Control Board as prescribed under the Environment (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.

- (xx) 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 and at <https://parivesh.nic.in/>. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers 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.
- (xxi) The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.
- (xxii) This Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.

11. The Ministry reserves the right to stipulate additional conditions, if found necessary at subsequent stages and the project proponent shall implement all the said conditions in a time bound manner. The Ministry may revoke or suspend the environmental clearance, if implementation of any of the above conditions is not found satisfactory.

12. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986.

13. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

14. The above conditions shall be enforced, *inter-alia* under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.

(Dr. R. B. Lal)
(डा. आर. बी. लाल)
(Dr. R. B. Lal)
बैज्ञानिक 'ई' / Scientist 'E'
पर्यावरण, वन एवं जलवायु परिवर्तन विभाग
Min. of Environment, Forest and Climate Change
भारत सरकार, नई दिल्ली
Govt. of India, New Delhi

Copy to: -

1. The Deputy DGF (C), Ministry of Environment, Forest and Climate Change, Regional Office(NZ), Bays No. 24-25, Sector 31 A, Dakshin Marg, Chandigarh - 30
2. The Secretary, Department of Science, Technology and Environment, Government of Punjab, Chandigarh

3. The Member Secretary, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi - 32
4. The Member Secretary, Punjab Pollution Control Board, Punjab Pollution Control Board, Vatavaran Bhawan, Nabha Road, Patiala
5. The District Collector, District SAS Nagar (Mohali) (Punjab)
6. Guard File/Monitoring File/Website/Record File

(Dr. R. B. Lal)
Scientist E



**CHANDIGARH POLLUTION
TESTING LABORATORY**
(Environmental Monitoring, EIA, NOC, ETP, STP)
NABET Accredited EIA Consultant



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(N)

REPORT No. CPTL/2024/12/11(AN)

REPORTING DATE: 26-12-2024

NAME OF INDUSTRY:

M/s. RAJASTHAN LIQUOR LTD. (DISTILLERY),
VILL.- HARIPUR, HINDUAN, BARWALA ROAD,
DERA BASSI, DISTT.- SAS NAGAR, MOHALI (P.B).

SAMPLE PARTICULARS

Sampling Plan Ref No.:	CPTLF 7.3-I	Type of Sample:	Air Quality w.r.t Noise
Sampling Method:	CPTL/SM/01	Sampling Location:	At Different Locations
Date of Monitoring:	21-12-2024	Environmental Conditions:	Normal
Sample Identification No.	CPTL/2024/12/11(AN)	Monitoring Done By:	Amrit Singh & Team
Nature of Sample:	Noise Level Monitoring		

NOISE LEVEL

S. No.	Location/Coordinates		Value in dB(A) (Average) Day Time	Test Method
01.	Turbine Area	10:10 – 10:40 AM	72.6	IS 9989:1981(Rev.2002)
02.	Work Shop (Machine)	11:10 – 11:40 AM	71.4	IS 9989:1981(Rev.2002)
03.	Boiler	12:05 – 12:35 PM	72.2	IS 9989:1981(Rev.2002)
04.	E.T.P	01:10 – 01:40 PM	71.7	IS 9989:1981(Rev.2002)

Amrit Singh
Chemist In-Charge
Date: 26/12/2024

Sital Singh
Sital Singh (CEO)
(Authorized Signatory)
Date: 26/12/2024

- 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.

FORM 10
(See Rule 19 (1))
MANIFEST HAZARDOUS AND OTHER WASTE

1	Sender's Name & Address (including Phone No. and E-mail)	Rajasthan Liquors Ltd				
2	Sender's Authorization No.					
3	Manifest Document No.	1132				
4	Transporter's Name and address (including Phone No. and E-mail)	SURYA CHEMICALS Works: VIII Ranimajra, Near Cadchem Laboratories Ltd. Tehsil Derabassi, Distt SAS Nagar, Punjab 140501 E-mail : info.suryachemicals@gmail.com, Mob. 9041935499, 8588815876				
5	Type of Vehicle	(Truck / Tanker / Special Vehicle)				
6	Transporter's Registration No.	HWM/ RENEWAL / SAS / 2024 / 25634181				
7	Vehicle Registration No.	PB 65 AY 5387				
8	Receiver's Name and Mailing Address (Including Phone No. and e-mail)	SURYA CHEMICALS Works: VIII Ranimajra, Near Cadchem Laboratories Ltd. Tehsil Derabassi, Distt SAS Nagar, Punjab 140501 E-mail : info.suryachemicals@gmail.com, Mob. 9041935499, 8588815876				
9	Receiver's authorization No.	HWM/ RENEWAL / SAS / 2024 / 25634181				
10	Waste Description	CAT 33.1				
11	Total Quantity No. of Containers1.485..... m3 or MT910..... Nos.				
12	Physical Form	Solid / Semi - Solid / Sludge / Oily / Tarry / Slurry / Liquid				
13	Special Handling Instructions and additional Information	AS PER RULES				
14	Sender's Certificate	I Hereby declare that the contents of the consignment are fully and accurately describe above bt proper shipping name and are categories, packed, market and lablled and are in all respects in proper conditions for transport by road according to applicable national government regulations				
	Name and Stamp For Rajasthan Liquors Ltd.	Signature	Month	Day	Year	
			01	18	2025	
15	Transporter acknowledgment of receipt of Wastes	Name and Stamp SURYA CHEMICALS	Signature	Month	Day	Year
			01	18	2025	
16	Receiver's certificate for receipt of hazardous	Name and Stamp FOR SURYA CHEMICALS	Signature	Month	Day	Year
			01	18	2025	


PUNJAB POLLUTION CONTROL BOARD

 Zonal Office-1, Vatavaran Bhawan, Nabha Road, Patiala –
147001

Website:- www.ppcb.gov.in


LIFE
Lifestyle for
Environment

Office Dispatch No :

Registered/Speed Post

Date:

Industry Registration ID : R14SAS1819848

Application No : 25306888

To,

Rupinder Singh Sidhu
Village Haripur Hinduan Barwala Road Dera Bassi SAS Nagar Punjab
Mohali,SAS Nagar-140507

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

1. Particulars of Authorization granted to the Industry

Authorization No	HWM/renew/SAS/2024/25306888
Previous Authorization No	HWM/Auth/PBIP/SAS/2023/2308352466
Date of issue :	25/04/2024
Date of expiry :	31/03/2029
Previous Authorization Date of Issue :	06/10/2023
Previous Authorization Date of Expiry :	31/03/2024
Authorization Type :	renew

2. Particulars of the Industry

Name & Designation of the Applicant	Rupinder Singh Sidhu, (Operation Head)
Address of Industrial premises	Rajasthan liquors limited (distillery division), Vill. haripur hinduan, barwala road, dera bassi, Derabassi,Sas nagar-160073
Capital Investment of the Industry	14519.53 lakhs
Category of Industry	Red
Type of Industry	Distilleries
Scale of the Industry	Large
Office District	Sas nagar

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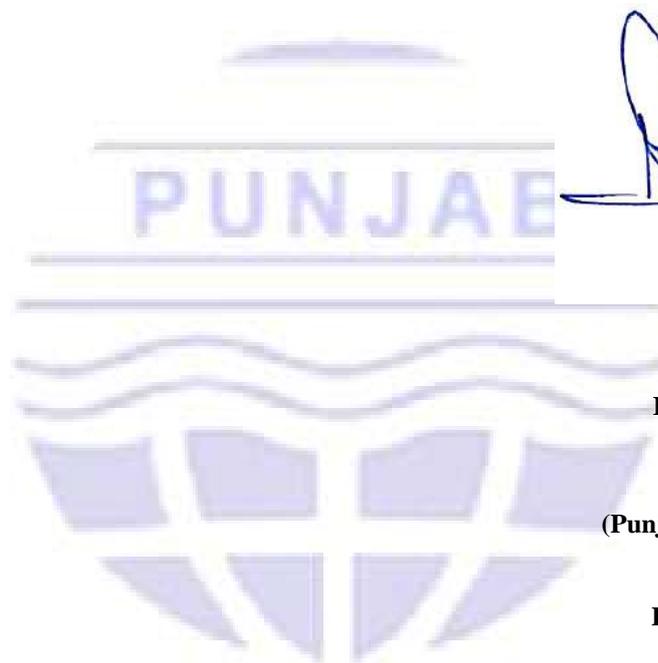
Rajasthan liquors limited (distillery division),Vill. haripur hinduan, barwala road, dera bassi,Derabassi,Sas nagar,160073

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3. Terms and Conditions

All the term and conditions same as mentioned in the authorization no. HWM/auth/PBIP/SAS/2023/2308352466 dated 6/10/2023 (valid upto 31/3/2024), is hereby extended upto 31/3/2029. This extension letter may be appended with the original authorization letter issued to the industry and subsequent extension letter with the following additional conditions that:

- 1) The industry shall comply with the provisions of Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016, at all times.
- 2) The industry shall not generate any other category of hazardous waste in its premise, except the hazardous wastes mentioned in this authorization.
- 3) The industry shall keep proper record of incineration of hazardous waste of different categories, at all times.
- 4) The industry shall submit record of manifests of lifting of hazardous waste in form 10, as per the provisions of Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.
- 5) The industry shall not dispose any of the hazardous waste through any un-authorized/legal mode, at any point of time.



25/04/2024

(Rajeev Gupta)
Environmental Engineer
For & on behalf
of
(Punjab Pollution Control Board)

Endst. No.:

Dated:

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

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

25/04/2024

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Page2

(Rajeev Gupta)
Environmental Engineer

For & on behalf

of

(Punjab Pollution Control Board)



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Annexure 23 CSR Expenditure-oct march

Expenditure on CSR Activities		
S.no	Activities as per Schedule VII	Actual Expense(Oct-March)
1	Eradicating hunger, poverty and malnutrition, 2[“promoting health care including preventive health care”] and sanitation 4[including contribution to the Swachh Bharat Kosh set-up by the Central Government for the promotion of sanitation] and making available safe drinking water.	0.00
2	promoting education, including special education and employment enhancing vocation skills especially among children, women, elderly and the differently abled and livelihood enhancement projects.	957500.00
3	promoting gender equality, empowering women, setting up homes and hostels for women and orphans; setting up old age homes, day care centres and such other facilities for senior citizens and measures for reducing inequalities faced by socially and economically backward groups.	0.00
4	ensuring environmental sustainability, ecological balance, protection of flora and fauna, animal welfare, agroforestry, conservation of natural resources and maintaining quality of soil, air and water 4[including contribution to the Clean Ganga Fund set-up by the Central Government for rejuvenation of river Ganga	1551120.00
5	Protection of national heritage, art and culture including restoration of buildings and sites of historical importance and work of art: setting up public libraries, promotion and development of traditional arts and handicrafts.	0.00
6	measures for the benefit of armed forces veterans, war widows and their dependents, 9[Central Armed Police Forces (CAPF) and Central Para Military Forces (CPMF) veterans, and their dependents including widows];	0.00
7	training to promote rural sports, nationally recognised sports, paralympic sports and olympic sports	1700000.00
8	contribution to the prime minister’s national relief fund 8[or Prime Minister’s Citizen Assistance and Relief in Emergency Situations Fund (PM CARES Fund)] or any other fund set up by the central govt. for socio economic development and relief and welfare of the schedule caste, tribes, other backward classes, minorities and women;	0.00
9	(a) Contribution to incubators or research and development projects in the field of science, technology, engineering and medicine, funded by the Central Government or State Government or Public Sector Undertaking or any agency of the Central Government or State Government; and (b) Contributions to public funded Universities; Indian Institute of Technology (IITs); National Laboratories and autonomous bodies established under Department of Atomic Energy (DAE); Department of Biotechnology (DBT); Department of Science and Technology (DST); Department of Pharmaceuticals; Ministry of Ayurveda, Yoga and Naturopathy, Unani, Siddha and Homoeopathy (AYUSH); Ministry of Electronics and Information Technology and other bodies, namely Defense Research and Development Organisation (DRDO); Indian Council of Agricultural Research (ICAR); Indian Council of Medical Research (ICMR) and Council of Scientific and Industrial Research (CSIR), engaged in conducting research in science, technology, engineering and medicine aimed at promoting Sustainable Development Goals (SDGs).]	
10	rural development projects	
11	Slum area development	0
12	disaster management, including relief, rehabilitation and reconstruction activities.	
	TOTAL Expenditure	4208620

Your (**Half Yearly Compliance Report**) has been **Submitted** with following details

Proposal No	IA/PB/IND2/123702/2019.
Compliance ID	112561794
Compliance Number(For Tracking)	EC/M/COMPLIANCE/112561794/2025
Reporting Year	2024
Reporting Period	01 Dec(01 Apr - 30 Sep)
Submission Date	20-03-2025
RO/SRO Name	Satya Prakash Negi
RO/SRO Email	jhk119@ifs.nic.in
State	PUNJAB
RO/SRO Office Address	Integrated Regional Offices, Chandigarh
Note:- SMS and E-Mail has been sent to Satya Prakash Negi, PUNJAB with Notification to Project Proponent.	



RAJASTHAN LIQUORS LTD.

Ref No.: RLL/MSPPCB/239/24-25

Date: 23-09-2024

To

The Member Secretary
Punjab Pollution Control Board
Vataravan Bhawan
Patiala, Punjab

Sub: Submission of Environmental Statement Report (FY 2023-2024) for Distillery Plant (Grained based, 120 KLD) with Cogeneration Power Plant (3.0 MW) at Industrial FEZ, Village Haripur, Hinduan & Saidupura, Tehsil: Derabassi and District: Mohali, Punjab by M/s Rajasthan Liquors Ltd.

Ref.: EC Letter no. J-11011/263/2010-IA II (I) dated 26th September, 2012
EC Letter no. J-11011/263/2010-IA II (I) dated 21st February, 2020

Dear Sir

With reference to the aforesaid subject and above cited reference matter, this is to apprise you that company has obtained Environmental Clearance vide letter No J-11011/263/2010-IA II(I) dated 26th September, 2012 for Distillery Plant (Grained based, 120 KLD) with Cogeneration Power Plant (3.0 MW) at Industrial FEZ, Village Haripur, Hinduan & Saidupura, Tehsil : Derabassi and District: Mohali, Punjab by M/s Rajasthan Liquors Ltd.

The company further applied for the expansion of Grain based distillery from 120 KLPD to 145.2 KLPD by modernization and efficiency improvement at industrial FEZ, Village Haripur Hinduan & Saidpura, Tehsil Derabassi, District SAS Nagar (Mohali), Punjab in MoEF&CC, New Delhi and acquired Environmental Clearance vide letter no. J-11011/263/2010-IA II(I) dated 21st February, 2020. No work has been started with respect to new EC obtained.

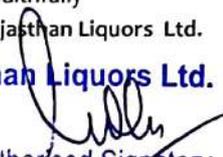
Presently, the company is running on the basis of earlier Environmental Clearance letter. We are hereby submitting the Environmental Statement Report (Form V) of FY 2023-2024 for Distillery Plant (Grained based, 120 KLD) with Cogeneration Power Plant (3.0 MW) at Industrial FEZ, Village Haripur, Hinduan & Saidupura, Tehsil : Derabassi and District: Mohali, Punjab by M/s Rajasthan Liquors Ltd.

This is for your kind consideration and records.

Thanking you and with regards,

Yours faithfully
M/s Rajasthan Liquors Ltd.

For Rajasthan Liquors Ltd.


(Authorized Signatory)

Enclosed:

- i. Environmental Statement Report (Financial Year 2023-2024)



REGISTERED &
CORPORATE OFFICE:
First Floor, 7/22D,
Tilak Nagar,
Kanpur: 208 002
Tel.: 0512 3291280

FACTORY:
Village Haripur Hindua,
Barwala Road, Derabassi,
SAS Nagar (Mohali)
Punjab: 140 507
Tel.: 01762 285182

CIN: U15531UP1998PLC028079
E: rllho@rll.co.in
W: www.rll.co.in

Annexure 26 Photographs showing Newspaper Advertisement



(Established under Govt. of Punjab Ordinance No.7 of 2012)

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 Email : cbin.mgt@gmail.com www.deshbhagatuniversity.com Dean (Academic Affairs)

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registered in Sector 35 police station.

In another case reported in Sector 44, a minor boy on foot snatched a bag containing Rs 2 lakh during a wedding function near Sood Bhawan. A case has been registered.

In last two days, at least five such incidents took place. — TNS

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 Mohali, Punjab

PUBLIC NOTICE

For the information of all concerned that M/s Rajasthan Liquors Ltd., Village Haripur Hinduan & Saidpura, Barwala Road, Derabassi, Punjab had applied for environmental clearance for their project for 120 KLPD grained-based distillery plant. A public notice, in this context, was published by Punjab Pollution Control Board, in "Indian Express" & "Punjabi Tribune" dated 18.03.2011. It is now for the information of all concerned that the Ministry of Environment and Forests, I.A. Division, has accorded clearance to the aforesaid project vide their letter No: J11011/263/2010- I.A. II (I) dated 26 September, 2012. Copy of said clearance letter is available with the Punjab Pollution Control Board, Mohali and the same can also be seen at the website <http://envfor.nic.in>

M/s Rajasthan Liquors Ltd.,
 Village Haripur Hinduan & Saidpura, Barwala Road, Derabassi, Punjab.
 Phone: 01762-285182

Inspector MK Sharma after he fought an eight-year-long battle.

Following the orders of Patil, the Health Department conceded that the chargesheet issued to MK Sharma, a day ahead of his retirement in 2004, was framed on basis of "unwarranted facts".

Sharma (66) fought for justice for eight years. He finally won the case and proved his credibility for availing complete pension

PEC University of Technology, Chandigarh
 (Tel: 0172-2746074, Fax: 0172-2745175)

CORRIGENDUM

Ref: Advt No. PEC/Recruitment/Faculty/02/2012 dated 18.08.2012.

The last date for receipt of applications is extended to 10.11.12. Thus, application forms (available at www.pec.ac.in) duly complete in all respect, should reach the Deputy Director, PEC University of Technology, Sector-12, Chd-160012 on or before 10.11.2012.

TRC-28400 DIRECTOR

as he ret of UT F 2004. Sharm: charges: "bogus c year 19 employ: Inspector Health imposed him with

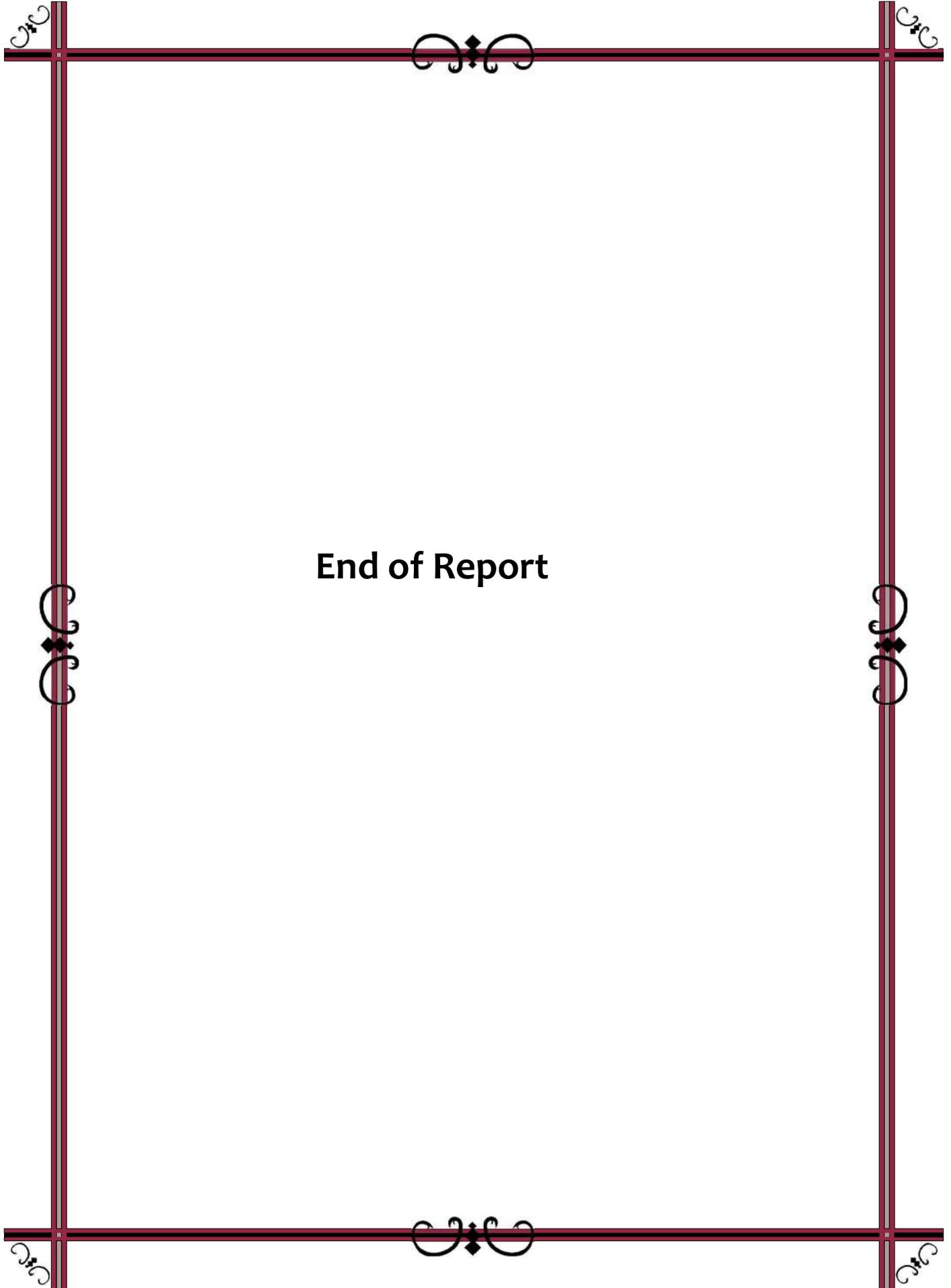
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The "bakla no more a ba item. Priced l and 1,500 pi comes in dif like almond h ey, cashew m Merlin peac looks sumpt fruit filling an having black chocolate or Diwali dham



End of Report