



To

Date:04/12/2024

**The IGF& Incharge, GOI, MOEF&CCA/3, Chandrasekharpur
Integrated Regional Office
Kolkata, 1B-198, Salt Lake City, Sector III
Kolkata- 700106
Email ID-iro.kolkata-mefcc@gov.in**

PROJECT NAME: Grain based Distillery (60 KLPD) along with Cogeneration Power Plant (3.0 MW) at Village - Mahanad, Block- Polba - Dadpur, Polba, District - Hooghly, West Bengal by M/s Alpine Distilleries Pvt. Ltd. - Environmental clearance reg.

EC Ref. No.: F-No. – F-No. J-11011/227/2012-IA II (I), Dated - 23.02.2015

COMPLIANCE PERIOD: April 2024 to September 2024.

Sub.: Submission of Six-Monthly Compliance Report for the period of April 2024 to September 2024.

Sir,

We are pleased to submit the six-monthly compliance reports to you regarding the above-mentioned project at Village- Mahanad, Block- Polba-Dadpur, Polba, District-Hooghly, Pin-712149, West Bengal.

The Compliance Report has been prepared against the conditions mentioned in the Environmental Clearance vide Ref. no. F-No. J-11011/227/2012-IA II (I), Dated 23.02.2015

We hope that you will do the needful in this regard.

Thanking you

Yours truly,

For Alpine Distilleries Pvt. Ltd.

Debraj Mukherjee

Managing Director

Alpine Distilleries Pvt. Ltd.

CIN U51909WB2002PTC095415

Registered Office & Manufactory

Mouza - Nagarpara & Meghsar

Village & Post : Mahanad

P.S.: Polba, District: Hooghly

Pin : 712 149, West Bengal, India

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Six Monthly Compliance Report

April 2024 to September 2024



PREPARED BY:-

**M/S Alpine Distilleries Pvt. Ltd.
Village- Mahanad, Block – Polba-Dadpur, Polba,
District – Hoogly, West Bengal. Pin Code– 712149**

Six-monthly Compliance Report

April 2024 to September 2024

Name of the Industry: M/s Alpine Distilleries Pvt. Ltd.

Project Address: Village Mahanad, Block – Polba-Dadpur, Polba, District – Hoogly, Pin – 712149, West Bengal

Clearance Letter No. and date: J-11011/227/2012-IA II (I) Dated: -23rd February 2015

A. SPECIFIC CONDITIONS:

Sl. No.	Conditions	Compliance Status
i	Distillery unit shall be based on Grain based only and no Molasses based distillery unit shall be operated. The unit use bagasse if available.	Grain is the only component used for distillation by the project proponent and coal is only used as fuel for boiler operation of the unit.
ii	Bag filter along with stack of adequate height shall be provided to Coal/rice husk fired boiler to control particulate emission within 50mg/Nm ³ . At no time, the emission levels should 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.	To control the particulate emission within 50 mg/Nm ³ ESP (Electrostatic Precipitator) is used from the coal fired boiler with adequate stack height. The test result of emission levels from stack for pollution control is attached as in Annexure 1 . Picture of ESP has been attached as in Pictorial Evidence .
iii	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,	The Project proponent has taken all the control measures for checking fugitive emissions from all the vulnerable sources have been done. Fugitive emissions have been controlled by providing closed storage, closed handling & conveyance of chemicals/

	<p>multi-cyclone separator and water sprinkling system. Dust suppression system including water sprinkling shall be provided at loading and unloading areas to control dust emission. Fugitive emissions in the work zone environment, product, raw materials storage area etc. shall be regularly monitored and record shall be maintained. The emissions shall conform to the limits imposed by West Bengal State Pollution Control Board (WBSPCB).</p>	<p>materials, multi-cyclone separator and water sprinkling system. Dust suppression system including water sprinkling have been provided at loading and unloading areas to control the dust emission. Fugitive emissions in the work zone environment, product, raw materials storage area etc. are being monitored and recorded. Monitoring report of fugitive emission has been attached as in Annexure – 2. Pictorial Evidence has also been attached.</p>
iv	<p>Pucca approach road to project site shall be constructed prior to commencing construction activity of the main distillery so as to avoid fugitive emissions.</p>	<p>Approach road are already pitched. To ensure wet condition of roads, water sprinkling system have been installed to avoid fugitive emissions through roads.</p>
v.	<p>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.</p>	<p>With adequate stack height the DG set has been provided. To control the noise emissions Acoustic enclosure has been provided. Supporting pictorial evidence has been attached below.</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 WBSPCB. The levels of PM_{2.5}, PM₁₀, NO_x, CO and HC (Methane) in ambient air shall be monitored and displayed at a</p>	<p>The company have already uploaded the status of compliance of the stipulated environmental clearance conditions, including results of monitored data on its website and will update the same periodically (See Annexure – 11). The data are being monitored & send to the Regional office of MOEF, the respective Zonal office of CPCB and the WBSPCB. The levels of all pollutants like PM_{2.5}, PM₁₀, NO_x, CO and HC (Methane) in ambient air are being</p>

	convenient location near the main gate of the company and at important public places.	monitored and the display board being displayed at a convenient location near the main gate of the company is already installed. Pictorial Evidence has been attached in support to this criterion.
vii.	Total fresh water requirement from ground water source shall not exceed 660 m ³ /day for distillery and congregation unit and prior permission shall be obtained from the CGWA/SGWA. Water consumption shall be reduced by adopting 3 R's (reduce, reuse and recycle) concept in the process.	The ground water withdrawal permission has already been obtained from SWID for total fresh water requirement. Water consumption have been reduced to remain within the mentioned limit by adopting 3R's. Permission bill has been attached as in Annexure – 3 .
viii.	Spent wash generation shall not exceed 6 KL/KL of alcohol. Spent wash shall be treated through decanter and concentrated in multi-effect evaporator (MEE) followed by dryer to form DDGS. Spentlees, MEE condensate, effluent from bottle washing, utilities and cogeneration unit shall be treated in effluent treatment plant (ETP) and water quality of treated effluent shall meet the norms prescribed by CPCB/SPCB.	Spent wash generation have been maintained to not exceed the stipulated limit of 6 KL/KL of alcohol. Spent wash are properly treated through decanter and concentrated in multi-effect evaporator (MEE) followed by dryer to form DDGS. Spent lees, MEE condensate, effluent from bottle washing, utilities and cogeneration unit are continuously being treated in effluent treatment (ETP). Water quality of treated effluent regularly being monitored to maintain quality norms of CPCB/SPCB. Supporting report has been attached as in Annexure – 4 .
ix.	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 unit has adopted Zero liquid discharge concept. Thus, no water from the plant is discharged outside.

x.	Online continuous monitoring of flow and pollutants in the treatment plant to be installed and monitored by the respective Regional Office of MEF&CC/ SPCB. Data shall be uploaded on the company website or in public domain.	Online continuous monitoring of flow and pollutants in the treatment plant have already been installed to monitor by the project proponent.
xi.	Process effluent/ any wastewater shall not be allowed to mix with storm water. Storm water drain shall be passed through guard pond.	Separate drains has made for storm water and waste water. A guard pond has made to pass the storm water drain.
xii.	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, Sulphate and Total Dissolve Solids shall be monitored and report submitted to the Ministry's Regional Office at Bhubaneswar and WBSPCB.	Adequate numbers of ground water quality monitoring stations is already set up by providing piezometers around the project area to detect the water quality. Sampling and trend analysis monitoring is monitored on quarterly/six monthly basis and reports have been submitted to SPCB and this Ministry. Supporting pictorial evidence has been attached. Alongside that, groundwater monitoring report has been attached in Annexure – 14 .
xiii.	No storage of wet cake shall be done at site to avoid odour problem. An additional dryer shall be installed so that at any time wet cake is not sold then wet cake shall be converted into dry cake by operating additional dryer.	No storage of wet cake has been done at site. A higher capacity dryer than required has already been installed to avoid storage of wet cake. Pictorial Evidence has been attached.
xiv.	Coal 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.	Coal storage have been done in such a way that it does not get air borne or fly around due to wind. In fact, coal are covered with tarpaulin to avoid fly around. Pictorial

		Evidence has been attached.
xv.	Fly 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.	Fly ash is stored in a separate earmarked area. Necessary preventive measures are taken to avoid any spreading of fly ash. To avoid direct exposure of fly ash to workers and storm water during rainy season, project proponent is filling their own land directly after disposal from closed system and kept the filled land always in wet condition through sprinkling system.
xvi.	Fire-fighting system shall be as per 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.	Firefighting system have been installed as per norms and cover all areas where alcohol is produced, handled and stored. Provision of foam system for firefighting have been made to control fire from the alcohol storage tank. General maintenance and preventive care are being done on regular intervals for pipe lines and foam monitors to control fire in the plant and specially at alcohol storage area. Pictorial Evidence of fire-fighting system has been attached.
xvii.	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 Bangalore within six months.	Risk assessment is carried at regular intervals to be prepared for any possible accident on site.
xviii.	Occupational health surveillance programme 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	Once in a every year Occupational health surveillance is done. The first aid facilities also available at main gate and it will be strengthened. Beside this all the workers are covered under ESI. See Annexure – 12.

	employee shall be maintained.	
xix.	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.	Dedicated parking facility for loading and unloading of material has been designated in the factory premises during operation. The unit have developed and implemented good traffic management system for the incoming and outgoing of vehicles to avoid congestion on the public road. Supporting picture has been provided in pictorial evidence .
xx.	As proposed, green belt over 33% of the total project area shall be developed within plant premises with at least 10 meter wide green belt on all sides along the periphery of the project area, in downward direction, and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the DFO.	Green belt have already been developed in over 33% of the total project area within plant as proposed. In order to maintain a healthy environment project proponent has abided by all of the conditions for maintaining the plantation area at plant. Selection of plant species have been as per the CPCB guidelines. Pictorial Evidence has been provided for greenbelt.
xxi.	All the commitment made regarding issues raised during the Public Hearing/consultation meeting held on 11 th September, 2013 shall be satisfactorily implemented and a separate budget for implementing the same shall be allocated and information submitted to the Ministry's Regional Office at Bhubaneswar.	In phased manner all the commitments made in public hearing have been implemented.
xxii.	At least 5% of the total cost of the project shall be earmarked towards the Enterprise Social Commitment based on locals need and item-wise details along with time bound action plan shall be	At least 5% of the total cost of the project had been earmarked towards the Enterprise Social Commitment based on the needs of the locals.

	prepared and submitted to the Ministry's Regional Office at Bhubaneswar. Implementation of such program shall be ensured accordingly in a time bound manner.	
xxiii.	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, 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.	The Provision was made for the housing for the construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, safe drinking water, medical health care, crèche etc. The housing was in the form of temporary structure and have already removed after the completion of the project. To avoid impact on the surrounding environment all the construction wastes were managed properly.

B. GENERAL CONDITIONS:

Sr. No.	Conditions	Compliance Status
i.	The project authorities must strictly adhere to the stipulations made by the West Bengal State Pollution Control Board (WBSPCB), State Government and any other statutory authority.	During the operation the project authorities had strictly adhered to the stipulations made by the west Bengal state pollution board (WBCPB), state government and any other statutory authority.
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	The project proponent would not make further expansion or modification will be carried out in the plant without prior approval of the Ministry.

	<p>to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.</p>	
iii.	<p>The locations of ambient air quality monitoring stations shall be decided in consultation with the West Bengal State Pollution Control Board (WBSPCB) 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 location of ambient air quality monitoring stations has already been decided and monitoring has been conducted periodically as attached in Annexure – 5. The proponent will ensure to install one station in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated shortly for ambient air quality monitoring.</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 have been well maintained within the standards by providing acoustic hoods, silencers, enclosures etc. on all the sources of noise generation. The test report is attached as in Annexure – 6.</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 activities of the project to conserve fresh water.</p>	<p>To conserve fresh water the company have made collection of rainwater from the roof-tops of the buildings and the storm water drains through guard pond to use the same water for the process activities. Supporting picture is attached in Pictorial Evidence.</p>

vi.	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.	To avoid Spillage and to avoid mixing of accidental spillage with domestic wastewater and storm water drain during transfer of materials garland drains have been constructed in the plant premise by the project proponent.
vii.	Usage of Personnel Protection Equipment by all employees/workers shall be ensured.	Personnel protective equipment has already been provided to all employees/workers.
viii.	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.	Training have been imparted to all employees on safety and health aspects of chemicals handling. Routine periodical medical examinations for all employees have been undertaken on regular basis. Training to all employees on handling of chemical have been done.
ix.	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.	All the recommendation made in the EIA/EMP in respect of environmental management, risk mitigation measures and public hearing has properly maintained by the project proponent.
x.	The company shall undertake CSR activities and all relevant measures for improving the socio-economic conditions of the surrounding area.	The CSR activities and all relevant measures for improving the socio-economic conditions of the surrounding area had already undertaken by the company. And in the near future company also planned to do the activities for improvement of socio-

		economic condition in that area. Required evidence has been enclosed in Annexure – 13.
xi.	The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.	The eco-developmental measures in order to improve the environment in the project area has been already undertaken by the project proponent.
xii.	A separate Environmental Management Cell equipped with full fledge laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.	Environmental Management Cell have already been set up to carry out the Environmental Management and Monitoring functions properly. Pictorial Evidence of the laboratory has been attached.
xiii.	The company shall earmark sufficient funds for recurring cost per annum to implement the conditions stipulated by the Ministry of Environment and Forest 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.	Sufficient funds have been earmarked for recurring cost per annum to implement the conditions stipulated by the Ministry of Environment and Forest as well as the State Government. The funds are earmarked for environment management/pollution control would not be diverted for any other purpose. The list attached of expenditure made for environment management.
xiv.	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zila Parishad /Municipal Corporation, Urban local Body the local NGO, if any, from who suggestions/representations, if any, were received while processing the proposal.	The clearance letter already has been sent by the project proponent to concerned Panchayat, Zila Parishad /Municipal Corporation, Urban local Body.

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 West Bengal State Pollution Control Board. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.	Six monthly compliance report on the status of compliance of the stipulated Environment Clearance conditions including results of monitored data is already submitted to the MoEF and WBSPCB. A copy of Environmental Clearance and six monthly compliance status report have been also posted on the website of the company i.e. alpinedistilleries.co.in (See Annexure – 11)
xvi.	The environmental statement for each financial year ending 31 st March in Form – V as in mandated shall be submitted to the Gujarat 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 Bhopal Regional Officers of MoEF by e-mail.	The environmental statement for each financial year ending 31 st March in Form – V has already been submitted and it is already put on the website of the company.
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	The condition has already been followed. This had advertised in two local newspapers that are widely circulated in the region in local language of the locality concerned and a copy of the same had forwarded to the concerned regional office of the ministry. Document is attached in Annexure – 7 .

	<p>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.</p>	
xviii.	<p>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.</p>	<p>The project authorities have already informed the Regional Office as well as the Ministry, the date of financial closure and final approval of the concerned authorities and the date of the state of the project. The copy of the Environmental Clearance, Consent to Establish and Consent to Operate are enclosed herewith in Annexure – 8, Annexure – 9 and Annexure-10.</p>

MONITORING INTERPRETATION

1. Ambient Air Quality Monitoring

Ambient air quality monitoring has been carried out in the September 2024 in three locations to assess the ambient air quality of Project Site.

Parameters	Near Accounts Office	South – East Side of the Plant	South – West Side of the Plant
PM _{2.5} (µg/m ³)	31.32	32.55	34.67
PM ₁₀ (µg/m ³)	68.20	60.09	63.46
SO ₂ (µg/m ³)	5.14	4.71	5.14
NO ₂ (µg/m ³)	21.45	20.02	21.45
CO (µg/m ³)	0.12	0.14	0.26
Hydrocarbon (mg/m ³)	1.80	1.60	1.0

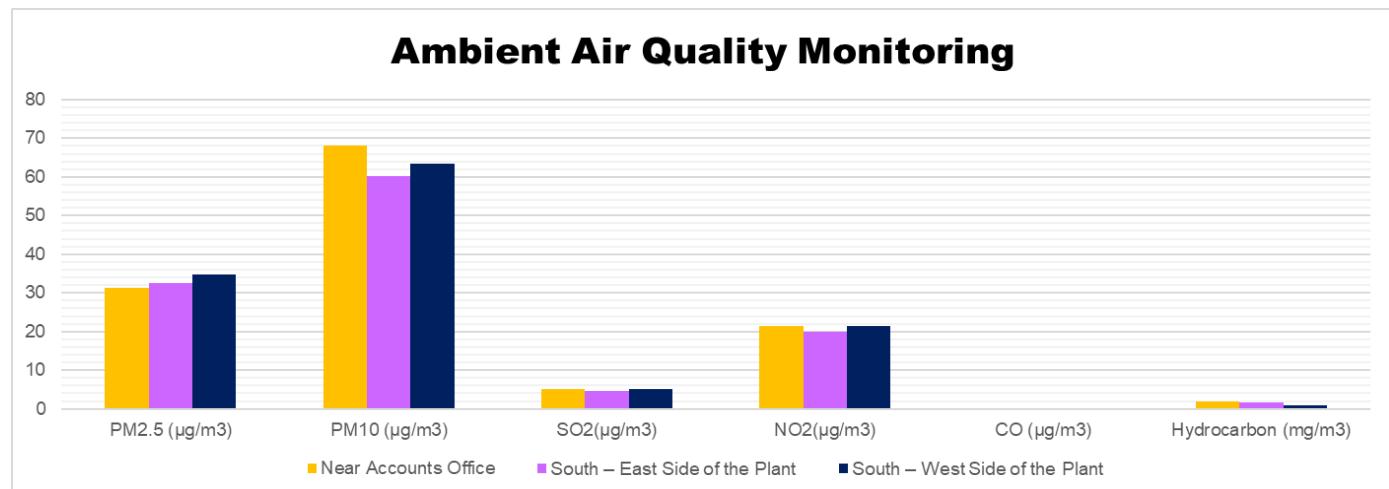


Figure 1: Graphical representation of Ambient Air Quality

2. Stack Gas Analysis

The sample was taken on September, 2024.

Location Name Parameters	Boiler	D.G. – 1000 KVA
PM (mg/Nm ³)	19.63	30.76

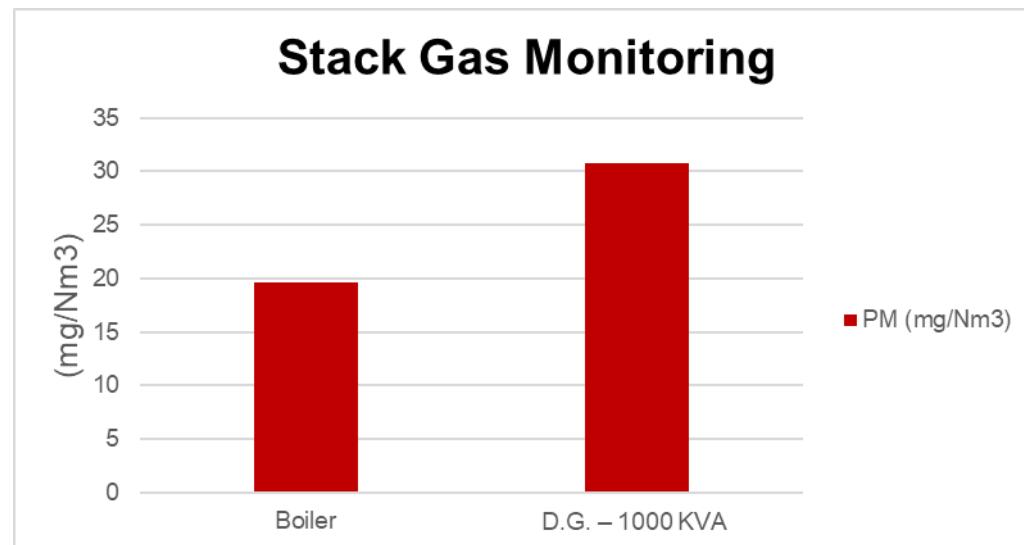


Figure 2: Graphical representation of Stack Gas Monitoring

3. Work Zone Air Quality Analysis

The sampling has been carried in September, 2024.

Parameters	Inside the Plant	Inside the Plant Shed	Near Boiler House (Inside Shed)
SPM($\mu\text{g}/\text{m}^3$)	271.26	286.58	260.12
SO ₂ ($\mu\text{g}/\text{m}^3$)	5.80	11.20	9.50
NO ₂ ($\mu\text{g}/\text{m}^3$)	24.80	25.05	23.56

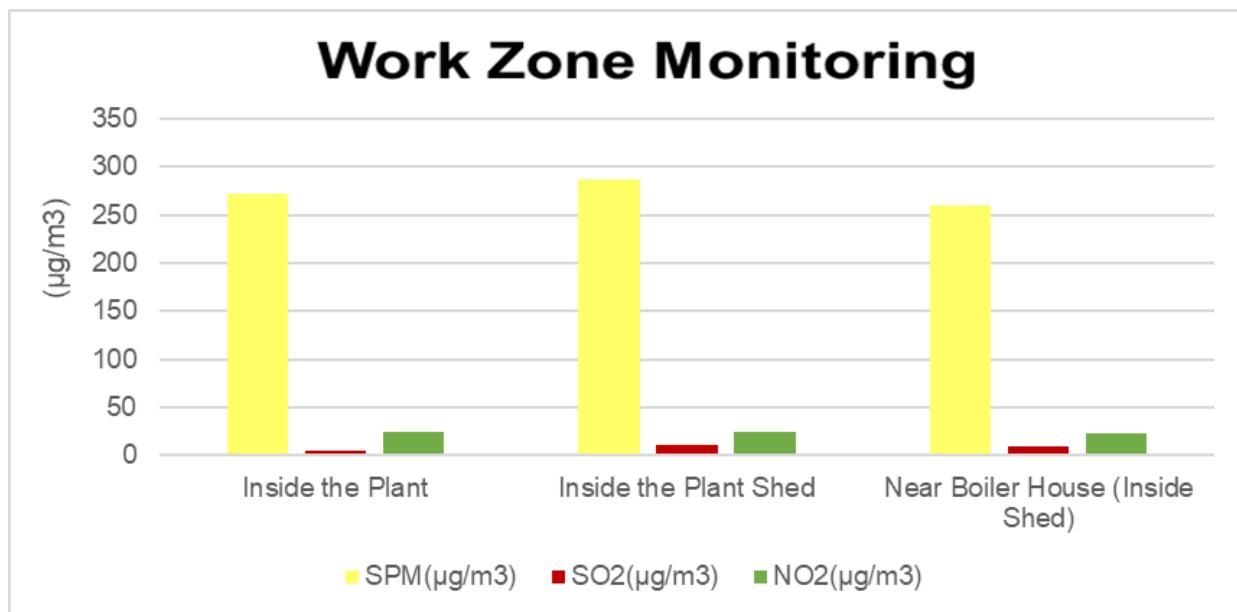


Figure 3: Graphical representation of Work Zone Monitoring

4. Effluent Water Quality Monitoring

Effluent water sampling date is September 2024.

i. E.T.P Inlet

Parameters	Results
pH value	6.43
Total Suspended Solids	123.33
Oil & Grease	<1.0
Chemical Oxygen Demand	1680.0
BOD [5 days, at 20°C]	421.0
Chloride	81.68

ii. E.T.P Outlet

Parameters	Results	Limit
pH value	7.16	5.5-9.0
Total Suspended Solids	32.67	100.0
Oil & Grease	<1.0	10.0
Chemical Oxygen Demand	70.0	250.0
BOD [5 days, at 20°C]	23.0	30.0
Chloride	44.47	N.A.

5. Ambient Noise Monitoring

On September, 2024 Noise sampling has been carried out

Location	DAY TIME		NIGHT TIME	
	Results dB(A)	Limits dB(A)	Results dB(A)	Limits dB(A)
South East side of the Plant	64.38	75	53.76	70
South West side of the Plant	68.70	75	55.67	70
Near Accounts Office	61.20	75	56.37	70
Center point of Plant	67.31	75	52.06	70

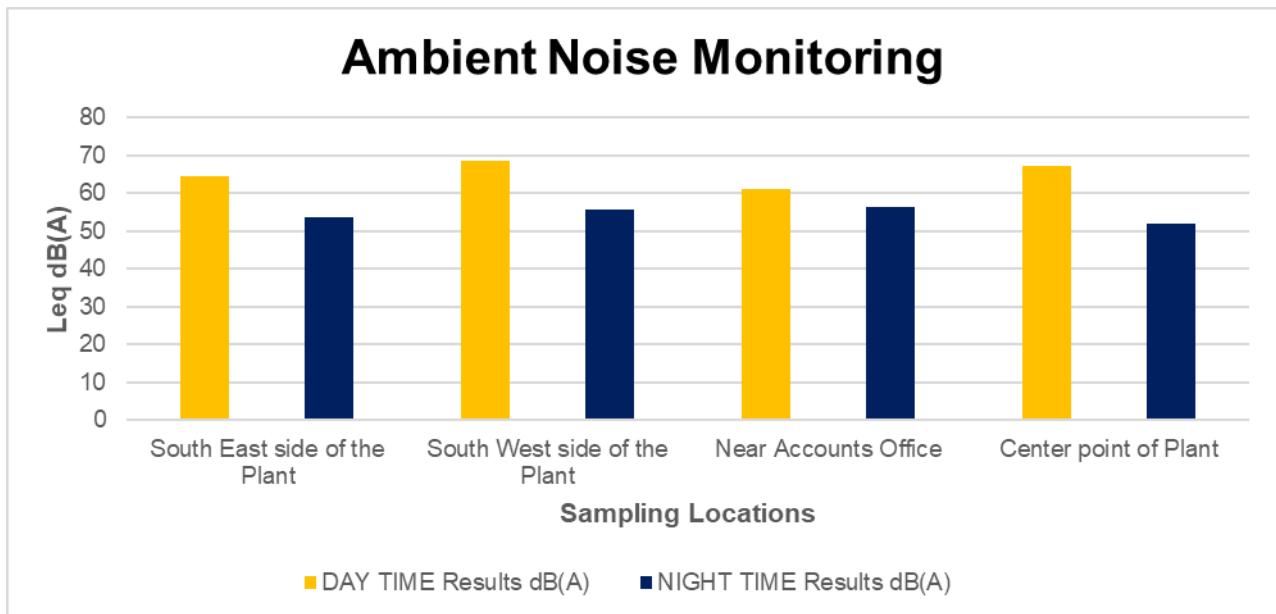


Figure 4: Graphical representation of Ambient Noise Monitoring

6. Ground Water Data Analysis:

Ground water sampling date is September, 2024.

i. Borewell – 1

Sl. No.	Parameters	Results
1.	pH value	7.85
2.	Total Suspended Solids	482.0
3.	Chloride	45.98
4.	Chemical Oxygen Demand	<5.0
5.	BOD [5 days at 20 ⁰ C]	<2.0
6.	Sulfate	46.50

ii. Borewell – 2

Sl. No.	Parameters	Results
1.	pH value	7.70
2.	Total Suspended Solids	346.0
3.	Chloride	25.99
4.	Chemical Oxygen Demand	<5.0
5.	BOD [5 days at 20 ⁰ C]	<2.0
6.	Sulfate	42.80

iii. **Borewell – 3**

Sl. No.	Parameters	Results
1.	pH value	7.65
2.	Total Suspended Solids	320.0
3.	Chloride	11.99
4.	Chemical Oxygen Demand	<5.0
5.	BOD [5 days at 20°C]	<2.0
6.	Sulfate	40.20

iv. **Mahanad Village (East Side)**

SL. NO.	PARAMETERS	TEST METHOD	UNIT	RESULTS
1.	pH	4500 H ⁺ B APHA 23 rd Edition, 2017	-	7.82
2.	Total Dissolved Solids	APHA 23 rd Ed., 2450 C : 2017	mg/l	414.0
3.	Chloride	APHA 23 rd Ed., 4500 Cl-B/D : 2017	mg/l	41.98
4.	Chemical Oxygen Demand	5200 B/C/D APHA 23 rd Edition, 2017	mg/l	<5.0
5.	Biochemical Oxygen Demand for 5 days at 20°C	5210 B APHA 23 rd Edition, 2017	mg/l	<2.0
6.	Sulfate	APHA 23 rd Ed., 4500-SO ₄ ²⁻ E : 2017	mg/l	46.50

v. **Mahanad Village (North Side)**

SL. NO.	PARAMETERS	TEST METHOD	UNIT	RESULTS
1.	pH	4500 H ⁺ B APHA 23 rd Edition, 2017	-	7.70
2.	Total Dissolved Solids	APHA 23 rd Ed., 2450 C : 2017	mg/l	358.0
3.	Chloride	APHA 23 rd Ed., 4500 Cl-B/D : 2017	mg/l	35.98
4.	Chemical Oxygen Demand	5200 B/C/D APHA 23 rd Edition, 2017	mg/l	<5.0
5.	Biochemical Oxygen Demand for 5 days at 20 ⁰ C	5210 B APHA 23 rd Edition, 2017	mg/l	<2.0
6.	Sulfate	APHA 23 rd Ed., 4500-SO ₄ ²⁻ E : 2017	mg/l	51.80

vi.

Mahanad Village (West Side)

SL. NO.	PARAMETERS	TEST METHOD	UNIT	RESULTS
1.	pH	4500 H ⁺ B APHA 23 rd Edition, 2017	-	7.80
2.	Total Dissolved Solids	APHA 23 rd Ed., 2450 C : 2017	mg/l	382.0
3.	Chloride	APHA 23 rd Ed., 4500 Cl-B/D : 2017	mg/l	39.98
4.	Chemical Oxygen Demand	5200 B/C/D APHA 23 rd Edition, 2017	mg/l	<5.0
5.	Biochemical Oxygen Demand for 5 days at 20 ⁰ C	5210 B APHA 23 rd Edition, 2017	mg/l	<2.0
6.	Sulfate	APHA 23 rd Ed., 4500-SO ₄ ²⁻ E : 2017	mg/l	46.20

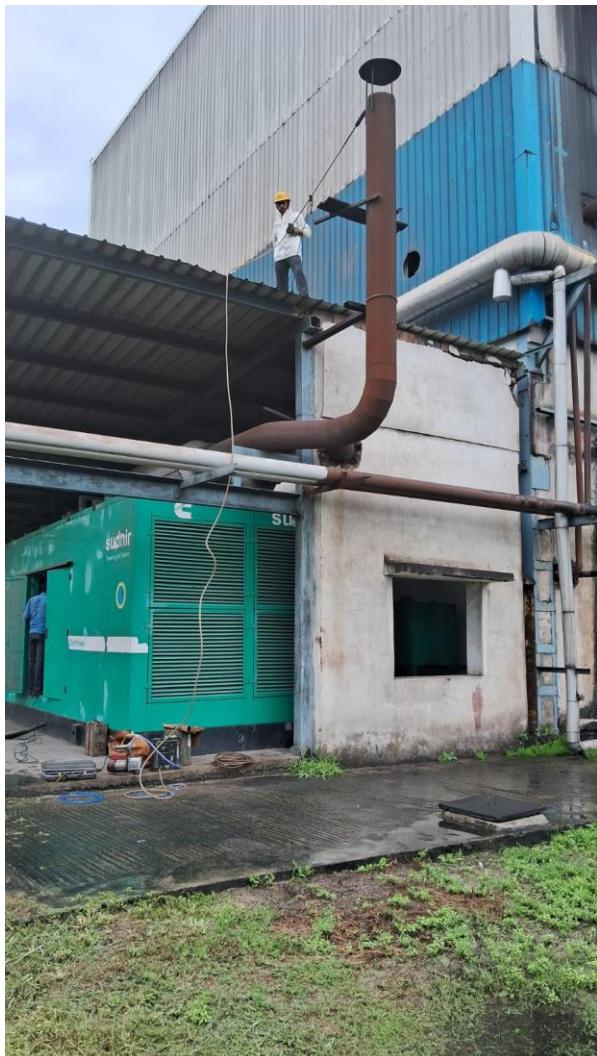
Pictorial Evidence

Pictorial Evidence

Ambient Air Monitoring pictures:



Stack Monitoring pictures:



Water Monitoring pictures:



Greenbelt pictures:





Inland drainage:



Firefighting system:



Coal Storage Area:



Parking space of Trucks for loading and unloading of materials:



Effluent Treatment Plant:



Rainwater Harvesting Pond:



Electrostatic Precipitator:



Piezometer:



Ambulance:



Water sprinkling system:



Display board at entrance:



Approach Road:



Wet cake Dryer:



Laboratory setup in plant:



Annexure – 1



TEST REPORT

FORMAT NO : ENV/EM/38

Name of the Industry	:	Alpine Distilleries Pvt. Ltd.			Type of Industry	:	Distillery		
Address	:	Mahanad, Polba, Hooghly			Sampling Date	:	26.09.2024		
				Period of Analysis	:	27.09.2024 – 28.09.2024			
				Date of Issue	:	30.09.2024			
Sampling Plan & Procedure	:	ENV/SOP/01	Deviation from the Sampling Method and Plan		:	No	Type of Sample	:	Stack Emission
Sample Condition	:	Sealed	Sample ID No.	:	ENV/46/Sep./A/I	Report No.	:	ENV/46/Sep./TR(A)/I/24-25	

A. GENERAL INFORMATION ABOUT STACK PROVIDED BY THE INDUSTRY

Stack Attached to	:	Boiler		
Shape of Stack	:	Circular	Height of Stack (mtr.) (from G. L.)	
Materials of Construction	:	Concrete	Stack I.D. at sampling point (mtr.)	
Capacity	:	25 MT/hr. (Running – 17.5 to 18 MT/hr.)	Height of sampling port (mtr.) (from G.L.)	
Emission Due to	:	Combustion of Coal		
Fuel Used	:	Coal	Permanent Platform & Ladder	
Working Fuel Consumption	:	05 MT/hr.		
Pollution Control Device	:	E.S.P		

B. RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS	LIMIT
1.	Concentration of SO ₂ (at 6% O ₂)	mg/Nm ³	IS 11255 (Part 2) : 2019	:	583.04
2.	Concentration of NO _x (at 6% O ₂)	mg/Nm ³	IS 11255 (Part 7) : 2017 / ASTM D 1608-98, Sec. 11 (Vol. 11.07) : 2017	:	216.10
3.	Concentration of CO ₂	% (v/v)	IS 13270 : 2019	:	8.0
4.	Concentration of O ₂ (by Orsat)	% (v/v)	EPA Method 3 : 2017	:	10.6
5.	Concentration of CO	% (v/v)	IS 13270 : 2019	:	<1.0
6.	a) Concentration of Particulate Matter	mg/Nm ³	IS 11255 (Part – 1) : 2019 & ASTM D 3685/D 3685M-98 (reapproved 2005) : Sec. 11 (Vol.11.07) : 2017	:	19.63
	b) Concentration of Particulate Matter (at 6% O ₂)			:	28.31
					50.0

Remarks : Limit as per CPCB [Emission Regulation Part IV: COINDS/26/1986-87].

: N.A. means Not Available.

: Result relates only to the sample tested.

Reviewed By :

INDRANI BHATTACHARYA
 Dy. Technical Manager, Chemical

Authorised Signatory :

Dr. SUMIT CHOWDHURY
 Technical Manager



TEST REPORT

FORMAT NO : ENV/EM/38

Name of the Industry	:	Alpine Distilleries Pvt. Ltd.			Type of Industry	:	Distillery		
Address	:	Mahanad, Polba, Hooghly			Sampling Date	:	26.09.2024		
				Period of Analysis	:	27.09.2024 – 28.09.2024			
				Date of Issue	:	30.09.2024			
Sampling Plan & Procedure	:	ENV/SOP/01	Deviation from the Sampling Method and Plan		:	No	Type of Sample	:	Stack Emission
Sample Condition	:	Sealed	Sample ID No.	:	ENV/46/Sep./A/II	Report No.	:	ENV/46/Sep./TR(A)/II/24-25	

A. GENERAL INFORMATION ABOUT STACK PROVIDED BY THE INDUSTRY

Stack Attached to	:	Diesel Generator (Acoustic Enclosure attached)			
Shape of Stack	:	Circular	Height of Stack (mtr.) (from G. L.)	:	7.62
Materials of Construction	:	M.S.	Stack I.D. at sampling point (mtr.)	:	0.15
Capacity	:	1000 KVA	Height of sampling port (mtr.) (from G.L.)	:	Final Discharging Point
Emission Due to	:	Combustion of H.S.D			
Fuel Used	:	H.S.D	Permanent Platform & Ladder	:	No
Working Fuel Consumption	:	100 litr./hr.			
Pollution Control Device	:	Nil			

B. RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS	LIMIT
1.	Concentration of SO ₂	mg/Nm ³	IS 11255 (Part 2) : 2019	:	61.41
2.	Concentration of CO ₂	% (v/v)	IS 13270 : 2019	:	8.6
3.	Concentration of CO	% (v/v)	IS 13270 : 2019	:	<1.0
4.	Concentration of Particulate Matter	mg/Nm ³	IS 11255 (Part - 1) : 2019 & ASTM D 3685/D 3685M-98 (reapproved 2005) : Sec. 11 (Vol.11.07) : 2017	:	30.76
					150.0

Remarks : Limit as per CPCB [Emission Regulation Part IV : COINDS/26/1986-87].

: N.A. means Not Available.

: During monitoring temporary ladder and platform were provided.

: Result relates only to the sample tested.

Reviewed By :

INDRANI BHATTACHARYA
 Dy. Technical Manager, Chemical

Authorised Signatory :

Dr. SUMIT CHOWDHURY
 Technical Manager

Annexure – 2



TEST REPORT

FORMAT NO : ENV/EM/57

Name of the Industry	:	Alpine Distilleries Pvt. Ltd.			Type of Industry	:	Distillery		
Address	:	Mahanad, Polba, Hooghly			Sampling Date	:	26.09.2024		
				Period of Analysis	:	27.09.2024 – 28.09.2024			
				Date of Issue	:	30.09.2024			
Sampling Plan & Procedure	:	ENV/SOP/01	Deviation from the Sampling Method and Plan		:	No	Type of Sample	:	Work Zone Air
Sample Condition	:	Sealed	Sample ID No.	:	ENV/46/Sep./A/VI	Report No.	:	ENV/46/Sep./TR(A)/VI/24-25	

A] GENERAL INFORMATION

1. Location of Sampling : Near Boiler House
 2. Duration of Sampling : 08 hrs. (10:00 a.m. – 06:00 p.m.)

B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 30.0
 2. Average Relative Humidity (%) : 87.0
 3. Barometric Pressure (mm of Hg) : 756.0
 4. Smell or Odour : No Remarkable Smell

C] RESULT

SL. NO.	PARAMETER	UNIT	METHOD NO.	RESULT	LIMIT
1.	Concentration of SPM	µg/m³	IS 5182 (Part 4) : 2019	260.12	5000.0

Remarks : Limit as per the Factory Act - 1948.
 : Result relates only the sample tested.

Reviewed By :

INDRANI BHATTACHARYA
 Dy. Technical Manager, Chemical

Authorised Signatory :

Dr. SUMIT CHOWDHURY
 Technical Manager

TEST REPORT
FORMAT NO : ENV/ FM/57

Name of the Industry	:	Alpine Distilleries Pvt. Ltd.			Type of Industry	:	Distillery		
Address	:	Mahanad, Polba, Hooghly			Sampling Date	:	26.09.2024		
				Period of Analysis	:	27.09.2024 – 28.09.2024			
				Date of Issue	:	30.09.2024			
Sampling Plan & Procedure	:	ENV/SOP/01	Deviation from the Sampling Method and Plan		:	No	Type of Sample	:	Work Zone Air
Sample Condition	:	Sealed	Sample ID No.	:	ENV/46/Sep./A/VI	Report No.	:	ENV/46/Sep./TR(A)/VI/24-25	

A] GENERAL INFORMATION

1. Location of Sampling : Near Boiler House
 2. Duration of Sampling : 08 hrs. (10:00 a.m. – 06:00 p.m.)

B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 30.0
 2. Average Relative Humidity (%) : 87.0
 3. Barometric Pressure (mm of Hg) : 756.0
 4. Smell or Odour : No Remarkable Smell

C] RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS	LIMIT
1.	Concentration of SO ₂	µg/m ³	IS 5182 (Part 2) 2017 & ASTM D 2914-01, Sec. 11 (Vol. 11.07) : 2017	9.50	N.A.
2.	Concentration of NO ₂	µg/m ³	IS 5182 (Part 6) 2017 & ASTM D 1607-91 : Sec. 11 (Vol. 11.07) : 2018	23.56	N.A.

Remarks : N.A. means Not Available.

Reviewed By :


 INDRANI BHATTACHARYA
 Dy. Technical Manager, Chemical

Authorised Signatory :


 Dr. SUMIT CHOWDHURY
 Technical Manager




TEST REPORT

FORMAT NO : ENV/EM/57

Name of the Industry	:	Alpine Distilleries Pvt. Ltd.			Type of Industry	:	Distillery		
Address	:	Mahanad, Polba, Hooghly			Sampling Date	:	26.09.2024		
				Period of Analysis	:	27.09.2024 – 28.09.2024			
				Date of Issue	:	30.09.2024			
Sampling Plan & Procedure	:	ENV/SOP/01	Deviation from the Sampling Method and Plan		:	No	Type of Sample	:	Work Zone Air
Sample Condition	:	Sealed	Sample ID No.	:	ENV/46/Sep./A/VII	Report No.	:	ENV/46/Sep./TR(A)/VII/24-25	

A] GENERAL INFORMATION

1. Location of Sampling : Inside the Plant Shed
 2. Duration of Sampling : 08 hrs. (09:50 a.m. – 05:50 p.m.)

B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 32.0
 2. Average Relative Humidity (%) : 86.0
 3. Barometric Pressure (mm of Hg) : 756.0
 4. Smell or Odour : No Remarkable Smell

C] RESULT

SL. NO.	PARAMETER	UNIT	METHOD NO.	RESULT	LIMIT
1.	Concentration of SPM	µg/m³	IS 5182 (Part 4) : 2019	286.58	5000.0

Remarks : Limit as per the Factory Act - 1948.
 : Result relates only the sample tested.

Reviewed By :

INDRANI BHATTACHARYA
 Dy. Technical Manager, Chemical

Authorised Signatory :

Dr. SUMIT CHOWDHURY
 Technical Manager

TEST REPORT
FORMAT NO : ENV/ FM/57

Name of the Industry	:	Alpine Distilleries Pvt. Ltd.			Type of Industry	:	Distillery		
Address	:	Mahanad, Polba, Hooghly			Sampling Date	:	26.09.2024		
				Period of Analysis	:	27.09.2024 – 28.09.2024			
				Date of Issue	:	30.09.2024			
Sampling Plan & Procedure	:	ENV/SOP/01	Deviation from the Sampling Method and Plan		:	No	Type of Sample	:	Work Zone Air
Sample Condition	:	Sealed	Sample ID No.	:	ENV/46/Sep./A/VII	Report No.	:	ENV/46/Sep./TR(A)/VII/24-25	

A] GENERAL INFORMATION

1. Location of Sampling : Inside the Plant Shed
 2. Duration of Sampling : 08 hrs. (09:50 a.m. – 05:50 p.m.)

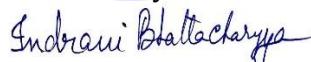
B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 32.0
 2. Average Relative Humidity (%) : 86.0
 3. Barometric Pressure (mm of Hg) : 756.0
 4. Smell or Odour : No Remarkable Smell

C] RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS	LIMIT
1.	Concentration of SO ₂	µg/m ³	IS 5182 (Part 2) 2017 & ASTM D 2914-01, Sec. 11 (Vol. 11.07) : 2017	11.20	N.A.
2.	Concentration of NO ₂	µg/m ³	IS 5182 (Part 6) 2017 & ASTM D 1607-91 : Sec. 11 (Vol. 11.07) : 2018	25.05	N.A.

Remarks : N.A. means Not Available.

Reviewed By :


 INDRANI BHATTACHARYA
 Dy. Technical Manager, Chemical

Authorised Signatory :


 Dr. SUMIT CHOWDHURY
 Technical Manager




ENVIROCHECK

Recognised by MoEF & CC, WBPCB & JSPCB
 Accredited by NABL (ISO/IEC 17025:2017) & NABET (CERTIFICATE NO. - NABET/EIA/2326/IA 0117)
 Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001 : 2018



TEST REPORT

FORMAT NO : ENV/EM/57

Name of the Industry	:	Alpine Distilleries Pvt. Ltd.			Type of Industry	:	Distillery		
Address	:	Mahanad, Polba, Hooghly			Sampling Date	:	26.09.2024		
					Period of Analysis	:	27.09.2024 – 28.09.2024		
					Date of Issue	:	30.09.2024		
Sampling Plan & Procedure	:	ENV/SOP/01	Deviation from the Sampling Method and Plan		:	No	Type of Sample	:	Work Zone Air
Sample Condition	:	Sealed	Sample ID No.	:	ENV/46/Sep./A/VIII	Report No.	:	ENV/46/Sep./TR(A)/VIII/24-25	

A] GENERAL INFORMATION

1. Location of Sampling : Inside the Plant Shed
 2. Duration of Sampling : 08 hrs. (10:10 a.m. – 06:10 p.m.)

B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 32.0
 2. Average Relative Humidity (%) : 86.0
 3. Barometric Pressure (mm of Hg) : 756.0
 4. Smell or Odour : No Remarkable Smell

C] RESULT

SL. NO.	PARAMETER	UNIT	METHOD NO.	RESULT	LIMIT
1.	Concentration of SPM	µg/m³	IS 5182 (Part 4) : 2019	271.26	5000.0

Remarks : Limit as per the Factory Act - 1948.
 : Result relates only the sample tested.

Reviewed By :

INDRANI BHATTACHARYA
 Dy. Technical Manager, Chemical

Authorised Signatory :

Dr. SUMIT CHOWDHURY
 Technical Manager

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 Branch Office : • Siliguri • Haldia • Durgapur • Dhanbad • Gangtok • Port Blair • Dehradun • New Delhi
 Overseas : • UAE • Qatar • Netherlands



TEST REPORT

FORMAT NO : ENV/EM/57

Name of the Industry	:	Alpine Distilleries Pvt. Ltd.			Type of Industry	:	Distillery		
Address	:	Mahanad, Polba, Hooghly			Sampling Date	:	26.09.2024		
				Period of Analysis	:	27.09.2024 – 28.09.2024			
				Date of Issue	:	30.09.2024			
Sampling Plan & Procedure	:	ENV/SOP/01	Deviation from the Sampling Method and Plan		:	No	Type of Sample	:	Work Zone Air
Sample Condition	:	Sealed	Sample ID No.	:	ENV/46/Sep./A/VIII	Report No.	:	ENV/46/Sep./TR(A)/VIII/24-25	

A] GENERAL INFORMATION

1. Location of Sampling : Inside the Plant Shed
2. Duration of Sampling : 08 hrs. (10:10 a.m. – 06:10 p.m.)

B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 32.0
2. Average Relative Humidity (%) : 86.0
3. Barometric Pressure (mm of Hg) : 756.0
4. Smell or Odour : No Remarkable Smell

C] RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS	LIMIT
1.	Concentration of SO ₂	µg/m ³	IS 5182 (Part 2) 2017 & ASTM D 2914-01, Sec. 11 (Vol. 11.07) : 2017	5.80	N.A.
2.	Concentration of NO ₂	µg/m ³	IS 5182 (Part 6) 2017 & ASTM D 1607-91 : Sec. 11 (Vol. 11.07) : 2018	24.80	N.A.

Remarks : N.A. means Not Available.

Reviewed By :

INDRANI BHATTACHARYA
Dy. Technical Manager, Chemical

Authorised Signatory :

Dr. SUMIT CHOWDHURY
Technical Manager

<End of Report>



Annexure – 3

FORM 4

[See Rules 9(3) and 10(5)]

(EMBLEM OR HOLOGRAM OF THE CONCERNED AUTHORITY)

000891

PERMIT FOR SINKING OF NEW WELL

[U/S 7(3)(b) / 7(4)(b) / 7(5)(a) of the West Bengal Ground Water Resources
(Management, Control and Regulation) Act 2005.]

PERMIT NO.

71400100000001105 TSE

1. (a) Name of the applicant (user)
- (b) Son / Daughter of
- (c) Address of the applicant
- (d) Category of farmer (Please tick)
(in case of irrigation well)
- (e) Serial No. of application Form
and date of submission
- (f) Specimen signature of the user

: Shri/Smt. Alpine Distilleries Pvt.
: N.A
: Vill : Mahanad P.O. Mahanad
: Small Farmer / Marginal Farmer / Others

: 024. 29. 10. 10.

Signature

2. Location particulars---

- (a) District
- (b) Block, Mouza, J. L. No., Plot No.
- (c) Municipality / Corporation
Ward No. / Borough No., Holding No.

: Hooghly
: Polba-dadpur, Nagarpara
: 1, 191

3. Particulars of the proposed well and pumping device---

- (a) Type of the well
- (b) Approx. depth of the well (m)
- (c) Purpose of the well
- (d) Assembly size (for tube well)
- (e) Approx. strainer length (for tube well)
- (f) Diameter (for dug well)
- (g) Type of pump to be used
- (h) H. P. of the pump
- (i) Operational device
- (j) Rate of withdrawal (m³/hr.)
- (k) Maximum allowable running hours per day

: Tube well
: 140 (M)
: Irrigation Industry
: 150 mm. X 50 mm.
: m.
: m.
: Submersible
: 335
: Electric
: 50
: 4

Place : Chinsurah

Date : 22. 12. 10

Member Secretary
Hooghly District Level
West Bengal Ground Water Resources
Management, Control and Regulation
Authority
Chinsurah
OFFICE SEAL

Chandana De
Signature of the Issuing Authority
and Designation.

Member Secretary
Hooghly District Level
West Bengal Ground Water Resources
Management, Control and Regulation
Authority
Chinsurah
OFFICE SEAL

CERTIFIED
TRUE COPY

B.C.L./4/50,000/06

For ALPINE DISTILLERIES PVT. LTD.

Signature
Director

Annexure – 4



FORMAT NO. ENV/ FM/40

TEST REPORT

Name of the Industry	:	Alpine Distilleries Pvt. Ltd.			Type of Industry	:	Distillery
Address	:	Vill, Post-Mahanad, P.S- Polba, Hooghly 712149			Sampling Date	:	26.09.2024
					Period of Analysis	:	29.09.2024 - 01.10.2024
					Date of Issue	:	03.10.2024
Sampling Plan & Procedure	:	ENV/SOP/01	Deviation from the Sampling Method and Plan	:	No	Type of Sample	Industrial Effluent Water (Grab)
Location	:	E.T.P Inlet	Sample Condition	:	Sealed	Sample ID No.	ENV/23/Sep./W/I
Report No	:	ENV/23/Sep./TR(W)/I/24-25					

SL. NO.	PARAMETERS	TEST METHOD	UNIT	RESULTS
1.	pH	4500 H+B APHA 23 rd Edition, 2017	-	6.43
2.	Total Suspended Solids	2540 D APHA 23 rd Edition, 2017	mg/l	123.33
3.	Oil & Grease	5520 B/D APHA 23 rd Edition, 2017	mg/l	<1.0
4.	Chemical Oxygen Demand	5220 B/C/D APHA 23 rd Edition, 2017	mg/l	1680.0
5.	Biochemical Oxygen Demand for 5 days at 20°C	5210 B APHA 23 rd Edition, 2017	mg/l	421.0
6.	Chloride	APHA 23 rd Edition, 4500 CI-B/D: 2017	mg/l	81.68

Remarks: a) Sample collected by Envirocheck and sent to lab for testing in sealed condition.

b) Result relates only to the sample tested.

Reviewed By :

INDRANI BHATTACHARYA
Dy. Technical Manager, Chemical

Authorised Signatory :

Dr. SUMIT CHOWDHURY
Technical Manager



FORMAT NO. ENV/EM/40

TEST REPORT

Name of the Industry	:	Alpine Distilleries Pvt. Ltd.			Type of Industry	:	Distillery
Address	:	Vill, Post-Mahanad, P.S- Polba, Hooghly 712149			Sampling Date	:	26.09.2024
					Period of Analysis	:	29.09.2024 - 01.10.2024
					Date of Issue	:	03.10.2024
Sampling Plan & Procedure	:	ENV/SOP/01	Deviation from the Sampling Method and Plan	:	No	Type of Sample	Industrial Effluent Water (Grab)
Location	:	E.T.P Outlet	Sample Condition	:	Sealed	Sample ID No.	ENV/23/Sep./W/II
Report No	:	ENV/23/Sep./TR(W)/II/24-25					

SL. NO.	PARAMETERS	TEST METHOD	UNIT	RESULTS	LIMIT
1.	pH	4500 H+B APHA 23 rd Edition, 2017	-	7.16	5.5-9.0
2.	Total Suspended Solids	2540 D APHA 23 rd Edition, 2017	mg/l	32.67	100.0
3.	Oil & Grease	5520 B/D APHA 23 rd Edition, 2017	mg/l	<1.0	10.0
4.	Chemical Oxygen Demand	5220 B/C/D APHA 23 rd Edition, 2017	mg/l	70.0	250.0
5.	Biochemical Oxygen Demand for 5 days at 20°C	5210 B APHA 23 rd Edition, 2017	mg/l	23.0	30.0
6.	Chloride	APHA 23 rd Edition, 4500 CI-B/D: 2017	mg/l	44.47	N.A.

Remarks : a) Result shows that above tested parameters are within limit as per Schedule VI inserted by Rule 2(d) of the Environment (Protection) Second Amendment Rules, 1993 notified vide G.S.R. 422(E) dated 19.05.1993, published in the Gazette No. 174 dated 19.05.1993.

b) Sample collected by Envirocheck and sent to lab for testing in sealed condition.

c) Result relates only to the sample tested.

d) N.A. means Not Available.

Reviewed By :

INDRANI BHATTACHARYA
Dy. Technical Manager, Chemical

Authorised Signatory :

Dr. SUMIT CHOWDHURY
Technical Manager

<End of Report>

Annexure – 5



TEST REPORT

FORMAT NO : ENV/EM/37

Name of the Industry	:	Alpine Distilleries Pvt. Ltd.			Type of Industry	:	Distillery		
Address	:	Mahanad, Polba, Hooghly			Sampling Date	:	26.09.2024 – 27.09.2024		
					Period of Analysis	:	27.09.2024 – 28.09.2024		
					Date of Issue	:	30.09.2024		
Sampling Plan & Procedure	:	ENV/SOP/01	Deviation from the Sampling Method and Plan		:	No	Type of Sample	:	Ambient Air
Sample Condition	:	Sealed	Sample ID No.	:	ENV/46/Sep./A/III	Report No.	:	ENV/46/Sep./TR(A)/III/24-25	

A] GENERAL INFORMATION

1. Location of Sampling : Near Accounts Office
 2. Duration of Sampling : 24 hrs. (10:00 a.m. – 10:00 a.m.)

B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 28.0
 2. Average Relative Humidity (%) : 90.0
 3. Barometric Pressure (mm of Hg) : 756.0
 4. Smell or Odour : No Remarkable Smell
 5. Weather Condition : Cloudy & Rainy

C] RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS	LIMIT
1.	Concentration of PM _{2.5}	µg/m ³	IS 5182 (Part 24) : 2019	31.32	60.0
2.	Concentration of PM ₁₀	µg/m ³	IS 5182 (PART 23) : 2019	68.20	100.0
3.	Concentration of SO ₂	µg/m ³	IS 5182 (Part 2) 2017 & ASTM D 2914-01, Sec. 11 (Vol. 11.07) : 2017	5.14	80.0
4.	Concentration of NO ₂	µg/m ³	IS 5182 (Part 6) 2017 & ASTM D 1607-91 : Sec. 11 (Vol. 11.07) : 2018	21.45	80.0
5.	Concentration of CO	mg/m ³	IS 5182 (Part 10) : 2019	0.12	2.0

Remarks : Limit as per National Ambient Air Quality Standards Central Pollution Control Board Notification, New Delhi, the 18th November, 2009.
 : Result relates only to the sample tested.

Reviewed By :

INDRANI BHATTACHARYA
 Dy. Technical Manager, Chemical

Authorised Signatory :

Dr. SUMIT CHOWDHURY
 Technical Manager



TEST REPORT

FORMAT NO : ENV/ FM/37

Name of the Industry	:	Alpine Distilleries Pvt. Ltd.			Type of Industry	:	Distillery		
Address	:	Mahanad, Polba, Hooghly			Sampling Date	:	26.09.2024 – 27.09.2024		
					Period of Analysis	:	27.09.2024 – 28.09.2024		
					Date of Issue	:	30.09.2024		
Sampling Plan & Procedure	:	ENV/SOP/01	Deviation from the Sampling Method and Plan		:	No	Type of Sample	:	Ambient Air
Sample Condition	:	Sealed	Sample ID No.	:	ENV/46/Sep./A/III	Report No.	:	ENV/46/Sep./TR(A)/III/24-25	

A] GENERAL INFORMATION

1. Location of Sampling : Near Accounts Office
 2. Duration of Sampling : 24 hrs. (10:00 a.m. – 10:00 a.m.)

B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 28.0
 2. Average Relative Humidity (%) : 90.0
 3. Barometric Pressure (mm of Hg) : 756.0
 4. Smell or Odour : No Remarkable Smell
 5. Weather Condition : Cloudy & Rainy

C] RESULT

SL. NO.	PARAMETER	UNIT	METHOD NO.	RESULT	LIMIT
1.	Hydrocarbon	mg/m ³	IS 5182 (Part XVII) 1979, RA 2003	1.80	N.A.

Remarks : N.A. means Not Available.
 : Result relates only to the sample tested.

Reviewed By :

INDRANI BHATTACHARYA
 Dy. Technical Manager, Chemical

Authorised Signatory :

Dr. SUMIT CHOWDHURY
 Technical Manager





TEST REPORT

FORMAT NO : ENV/EM/37

Name of the Industry	:	Alpine Distilleries Pvt. Ltd.			Type of Industry	:	Distillery		
Address	:	Mahanad, Polba, Hooghly			Sampling Date	:	26.09.2024 – 27.09.2024		
				Period of Analysis	:	27.09.2024 – 28.09.2024			
				Date of Issue	:	30.09.2024			
Sampling Plan & Procedure	:	ENV/SOP/01	Deviation from the Sampling Method and Plan		:	No	Type of Sample	:	Ambient Air
Sample Condition	:	Sealed	Sample ID No.	:	ENV/46/Sep./A/IV	Report No.	:	ENV/46/Sep./TR(A)/IV/24-25	

A] GENERAL INFORMATION

1. Location of Sampling : South – East Side of the Plant
2. Duration of Sampling : 24 hrs. (10:20 a.m. – 10:20 a.m.)

B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 28.0
2. Average Relative Humidity (%) : 90.0
3. Barometric Pressure (mm of Hg) : 756.0
4. Smell or Odour : No Remarkable Smell
5. Weather Condition : Cloudy & Rainy

C] RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS	LIMIT
1.	Concentration of PM _{2.5}	µg/m ³	IS 5182 (Part 24) : 2019	32.55	60.0
2.	Concentration of PM ₁₀	µg/m ³	IS 5182 (PART 23) : 2019	60.09	100.0
3.	Concentration of SO ₂	µg/m ³	IS 5182 (Part 2) 2017 & ASTM D 2914-01, Sec. 11 (Vol. 11.07) : 2017	4.71	80.0
4.	Concentration of NO ₂	µg/m ³	IS 5182 (Part 6) 2017 & ASTM D 1607-91 : Sec. 11 (Vol. 11.07) : 2018	20.02	80.0
5.	Concentration of CO	mg/m ³	IS 5182 (Part 10) : 2019	0.14	2.0

Remarks : Limit as per National Ambient Air Quality Standards Central Pollution Control Board Notification, New Delhi, the 18th November, 2009.

: Result relates only to the sample tested.

Reviewed By :

INDRANI BHATTACHARYA
Dy. Technical Manager, Chemical

Authorised Signatory :

Dr. SUMIT CHOWDHURY
Technical Manager



TEST REPORT

FORMAT NO : ENV/EM/37

Name of the Industry	:	Alpine Distilleries Pvt. Ltd.			Type of Industry	:	Distillery		
Address	:	Mahanad, Polba, Hooghly			Sampling Date	:	26.09.2024 – 27.09.2024		
					Period of Analysis	:	27.09.2024 – 28.09.2024		
					Date of Issue	:	30.09.2024		
Sampling Plan & Procedure	:	ENV/SOP/01	Deviation from the Sampling Method and Plan		:	No	Type of Sample	:	Ambient Air
Sample Condition	:	Sealed	Sample ID No.	:	ENV/46/Sep./A/IV	Report No.	:	ENV/46/Sep./TR(A)/IV/24-25	

A] GENERAL INFORMATION

1. Location of Sampling : South – East Side of the Plant
2. Duration of Sampling : 24 hrs. (10:20 a.m. – 10:20 a.m.)

B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 28.0
2. Average Relative Humidity (%) : 90.0
3. Barometric Pressure (mm of Hg) : 756.0
4. Smell or Odour : No Remarkable Smell
5. Weather Condition : Cloudy & Rainy

C] RESULT

SL. NO.	PARAMETER	UNIT	METHOD NO.	RESULT	LIMIT
1.	Hydrocarbon	mg/m ³	IS 5182 (Part XVII) 1979, RA 2003	1.60	N.A.

Remarks : N.A. means Not Available.
 : Result relates only to the sample tested.

Reviewed By :

INDRANI BHATTACHARYA
 Dy. Technical Manager, Chemical

Authorised Signatory :

Dr. SUMIT CHOWDHURY
 Technical Manager





TEST REPORT

FORMAT NO : ENV/EM/37

Name of the Industry	:	Alpine Distilleries Pvt. Ltd.			Type of Industry	:	Distillery		
Address	:	Mahanad, Polba, Hooghly			Sampling Date	:	26.09.2024 – 27.09.2024		
					Period of Analysis	:	27.09.2024 – 28.09.2024		
					Date of Issue	:	30.09.2024		
Sampling Plan & Procedure	:	ENV/SOP/01	Deviation from the Sampling Method and Plan		:	No	Type of Sample	:	Ambient Air
Sample Condition	:	Sealed	Sample ID No.	:	ENV/46/Sep./A/V	Report No.	:	ENV/46/Sep./TR(A)/V/24-25	

A] GENERAL INFORMATION

1. Location of Sampling : South – West Side of the Plant
2. Duration of Sampling : 24 hrs. (10:45 a.m. – 10:45 a.m.)

B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 27.0
2. Average Relative Humidity (%) : 88.0
3. Barometric Pressure (mm of Hg) : 756.0
4. Smell or Odour : No Remarkable Smell
5. Weather Condition : Cloudy & Rainy

C] RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS	LIMIT
1.	Concentration of PM _{2.5}	µg/m ³	IS 5182 (Part 24) : 2019	34.67	60.0
2.	Concentration of PM ₁₀	µg/m ³	IS 5182 (PART 23) : 2019	63.46	100.0
3.	Concentration of SO ₂	µg/m ³	IS 5182 (Part 2) 2017 & ASTM D 2914-01, Sec. 11 (Vol. 11.07) : 2017	5.14	80.0
4.	Concentration of NO ₂	µg/m ³	IS 5182 (Part 6) 2017 & ASTM D 1607-91 : Sec. 11 (Vol. 11.07) : 2018	21.45	80.0
5.	Concentration of CO	mg/m ³	IS 5182 (Part 10) : 2019	0.26	2.0

Remarks : Limit as per National Ambient Air Quality Standards Central Pollution Control Board Notification, New Delhi, the 18th November, 2009.

: Result relates only to the sample tested.

Reviewed By :

INDRANI BHATTACHARYA
 Dy. Technical Manager, Chemical

Authorised Signatory :

Dr. SUMIT CHOWDHURY
 Technical Manager



TEST REPORT

FORMAT NO : ENV/EM/37

Name of the Industry	:	Alpine Distilleries Pvt. Ltd.			Type of Industry	:	Distillery		
Address	:	Mahanad, Polba, Hooghly			Sampling Date	:	26.09.2024 – 27.09.2024		
					Period of Analysis	:	27.09.2024 – 28.09.2024		
					Date of Issue	:	30.09.2024		
Sampling Plan & Procedure	:	ENV/SOP/01	Deviation from the Sampling Method and Plan		:	No	Type of Sample	:	Ambient Air
Sample Condition	:	Sealed	Sample ID No.	:	ENV/46/Sep./A/V	Report No.	:	ENV/46/Sep./TR(A)/V/24-25	

A] GENERAL INFORMATION

1. Location of Sampling : South – West Side of the Plant
2. Duration of Sampling : 24 hrs. (10:45 a.m. – 10:45 a.m.)

B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 27.0
2. Average Relative Humidity (%) : 88.0
3. Barometric Pressure (mm of Hg) : 756.0
4. Smell or Odour : No Remarkable Smell
5. Weather Condition : Cloudy & Rainy

C] RESULT

SL. NO.	PARAMETER	UNIT	METHOD NO.	RESULT	LIMIT
1.	Hydrocarbon	mg/m ³	IS 5182 (Part XVII) 1979, RA 2003	1.0	N.A.

Remarks : N.A. means Not Available.
: Result relates only to the sample tested.

Reviewed By :

INDRANI BHATTACHARYA
Dy. Technical Manager, Chemical

Authorised Signatory :

Dr. SUMIT CHOWDHURY
Technical Manager



Annexure – 6



FORMAT NO. ENV/ FM/53

TEST REPORT

• Name of Industry / Company / Factory / Office	:	Alpine Distilleries Pvt. Ltd.
• Address	:	Village & Post - Mahanad, P.S. Polba, District - Hooghly, Pin - 712149
• Type of Industry	:	Distillery
• Sampling Plan & Procedure	:	ENV/SOP/02
• Deviation from the Sampling Method & Plan	:	No
• Type of Sample	:	Noise Level Study
• Sample ID	:	ENV/07/Sep/N
• Date of Study	:	Report ID : ENV/07/Sep/(TR)N/24-25
• Method No.	:	Reporting Date : 30/09/2024
• Sample Monitored by	:	IS 15575 (Part 2), 2022
		Time of Duration of Noise : 20 Minutes
		Height from Ground Level : 4 Feet.

RESULT OF NOISE LEVEL STUDY

Sl. No.	Location Name	dB (A) - (Noise Data)										Time (Hours)	Min dB (A)	Max dB (A)	L _{eq} dB (A)	Limit in LeqdB(A)
1.	Near Accounts Office	58.0	58.2	60.2	61.5	62.8	63.4	59.9	60.4	61.5	62.7	11:00 – 11:20 A.M (Day Time)	58.0	63.4	61.20	A. Industrial Area (Day Time – 75.0) (Night Time – 70.0)
2.	Near Accounts Office	41.9	43.6	60.6	57.2	53.9	50.6	44.7	48.3	61.2	59.3	10:00 – 10:20 P.M (Night Time)	41.9	61.2	56.37	
3.	Centre Point of the Plant	65.5	66.2	67.4	66.8	68.8	67.5	68.2	67.8	66.4	67.5	11:30 – 11:50 A.M (Day Time)	65.5	68.8	67.31	
4.	Centre Point of the Plant	50.6	52.8	53.4	51.8	52.6	51.8	52.5	50.7	52.6	50.8	10:30 – 10:50 P.M (Night Time)	50.6	53.4	52.06	
5.	South East Side of the Plant	63.3	67.6	64.2	65.6	67.0	61.5	62.2	63.8	60.8	61.9	1:00 – 1:20 P.M (Day Time)	60.8	67.6	64.38	
6.	South East Side of the Plant	52.3	56.0	53.8	54.6	55.1	53.7	52.9	51.4	52.0	53.6	11:00 – 11:20 P.M (Night Time)	51.4	56.0	53.76	
7.	South West Side of the Plant	66.3	68.2	69.9	68.2	67.7	70.2	69.2	66.8	70.8	67.2	2:00 – 2:20 P.M (Day Time)	66.3	70.8	68.7	
8.	South West Side of the Plant	53.4	55.7	56.3	57.2	55.9	56.0	54.9	55.5	56.1	54.6	11:30 – 11:50 P.M (Night Time)	53.4	57.2	55.67	D. Silent Zone (Day Time – 50.0) (Night Time – 40.0)

> End of Report <

**Remarks : Result relates only to the Sample Tested

** Mean of L _{eq} - Equivalent to Sound Energy	** Central Pollution Control Board, Ministry of Environment & Forests Government of India & Department of Environment, Government of West Bengal)	
	**Day Time is reckoned in between 6:00 A.M & 10:00 P.M	**Night Time is reckoned in between 10:00 P.M & 6:00 A.M
PERMISSIBLE NOISE EXPOSURE FOR INDUSTRIAL WORKERS / Source : The Noise Pollution (Regulation and Control) Rules, 2000		
Hours	Limit in dB(A)	
8	90	
4	93	
2	96	
1	99	
1/2	102	
1/4	105	
1/8	108	
1/16	111	
1/32	114	
(2 minutes or less)	-	

Reviewed By:

Dy. Quality Manager

Authorized Signatory:

Quality Manager

H.O. : 63/B, Rastraguru Avenue, Kolkata - 700028 | 033-25792891/25497490, Fax : 033-25299141

Laboratory : 189, 190, 192, 186 & 51 Rastraguru Avenue, Kolkata - 700028 | 033-25792889

Email : info@envirocheck.in/envirocheck50@gmail.com / Website : www.envirocheck.in

Branch Office : • Siliguri • Haldia • Durgapur • Dhanbad • Gangtok • Port Blair • Dehradun • New Delhi

Overseas : • UAE • Qatar • Netherlands

Annexure – 7

The Telegraph

LINE DISILLERIES PVT. LTD
Bhawanipur



BUSINESS & SERVICE



miscellaneous

Lab Technician for Testing Ash Content and to work in planning Business Dev area. Flex Density etc. Apply to Gupta.ransal@gmail.com 9907627000

BASIRHAT MUNICIPALITY

Memo No. 2404/BM/

2014-15. Date: 11/03/2015.

Applications are invited by the Councillors of Basirhat

from Municipal citizens

eligible Indian

citizens

for recruitment against

some vacant

posts as

mentioned

on the

Websit

The format of

the application form and

the detailed information for

each post are available on

the website:

basirhatmunicipality

basirhatmunicipality

receipt

The last date for receipt

is

10/04/2015 (Ull. 4.30

p.m.).

Autu. Basirhat

Chairperson,

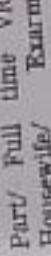
Municipality

1160

ALPINE DIST



ALPINE DIST



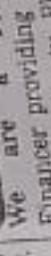
ALPINE DIST



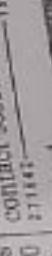
ALPINE DIST



ALPINE DIST



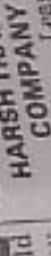
ALPINE DIST



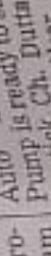
ALPINE DIST



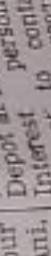
ALPINE DIST



ALPINE DIST



ALPINE DIST



ALPINE DIST



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ALPINE DIST

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Annexure – 8

F. No. J-11011/227/2012- IA II (I)
Government of India
Ministry of Environment, Forests and Climate Change
(I.A. Division)

Indira Paryavaran Bhawan
Aliganj, Jorbagh Road,
New Delhi -110003

E-mail : lk.bokolia@nic.in
Telefax : 011: 24695401
Dated: 23rd February 2015

To,

✓ Shri Debraj Mukherjee (Director)
M/s Alpine Distillery Pvt. Ltd.
11, Swinhoe Lane, P.O. and P. S. Kasba,
Kolkata, West Bengal

E-mail: alpine.distillery@gmail.com ; jain_yp@yahoo.com ; Fax No. : 033-32961791

Subject: Grain based Distillery (60 KLPD) along with Cogeneration Power Plant (3.0 MW) at Village Mahanad, Block Polba-Dadpur, Polba, District Hoogly, West Bengal by M/s Alpine Distilleries Pvt. Ltd. — Environmental clearance req.

Ref. : Your letter no. nil dated nil received in the Ministry on 24th September, 2014.

Sir,

Kindly refer to your letter dated nil alongwith project documents including Form I, Terms of References, Pre-feasibility Report, EIA/EMP Report alongwith Public Hearing Report regarding above mentioned project.

2.0 The Ministry of Environment, Forests and Climate Change has examined the application. It is noted that proposal is for setting up of the Grain based Distillery (60 KLPD) along with Cogeneration Power Plant (3.0 MW) at Village Mahanad, Block Polba-Dadpur, Polba, District Hoogly, West Bengal. Total plot area is 4.5 ha of which greenbelt will be developed in 18967 m². Total project cost is Rs. 60 crores. Rs. 7.35 crores and Rs. 2.75 Crores per annum have been earmarked towards capital and recurring cost per annum for implementation of environmental management plan. It is reported that no eco-sensitive area such as national park/wild life sanctuary / biosphere reserve /reserve forest is located within 10Km. Distillery will be operated for 330 days in a year.

3.0 Bag filter alongwith stack of adequate height will be provided to coal/biomass fired boiler (25 TPH) to control particulate emissions within 50 mg/Nm³. Total fresh water requirement from ground water source will be 660 m³/day for distillery and CPP. Spent wash generation will be 360 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. DWGS will be dried to form Distiller's Dry Grains with Soluble (DDGS). Spentlees, MEE condensate and utilities wastewater will be treated in effluent treatment plant (ETP) comprising UASBR followed by aerobic treatment and tertiary treatment and used as make water for cooling tower. No effluent will be discharged outside the factory premises and 'Zero' effluent discharge concept will be implemented. Storage capacity for spent wash lagoon will be 5 days. DDGS will be sold as cattle feed. Fly ash will be sold to the brick manufacturers/cement. Used oil will be sent to authorized recyclers/re-processors.

4.0 Public hearing/public consultation meeting was conducted on 11th September, 2013.

5.0 All cane juice/non-molasses based distillery (>60 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) in its 3rd and 28th meetings held during 3rd –5th December, 2012 and 1st December – 2nd December, 2014 respectively. The Committee recommended the proposal for environmental clearance. The Committee recommended the proposal for environmental clearance. Project Proponent and the EIA Consultant namely M/s EN-Vision Enviro Engineers Pvt. Ltd., have presented EIA / EMP report as per the TOR. EAC has found the EIA / EMP Report and additional information to be satisfactory and in full consonance with the presented TORs. The Committee recommended the proposal for environmental clearance.

7.0 Based on the information submitted by the project proponent, the Ministry of Environment, Forests and Climate Change 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) Distillery unit shall be based on Grain based only and no Molasses based distillery unit shall be operated. The unit will use bagasse if available.
- ii) Bag filter alongwith stack of adequate height shall be provided to Coal/rice husk fired boiler to control particulate emission within 50mg/Nm³. At no time, the emission levels should 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) 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 shall be maintained. The emissions shall conform to the limits imposed by West Bengal State Pollution Control Board (WBSPCB).
- iv) Pucca approach road to project site shall be constructed prior to commencing construction activity of the main distillery so as to avoid fugitive emissions.
- 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 WBSPCB. The levels of PM_{2.5}, PM₁₀, SO₂, NOx, 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 from ground water source shall not exceed 660 m³/day for distillery and cogeneration unit and prior permission shall be obtained from the CGWA/SGWA. Water

consumption shall be reduced by adopting 3 R's (reduce, reuse and recycle) concept in the process.

- viii) Spent wash generation shall not exceed 6 KI/KI of alcohol. Spent wash shall be treated through decanter and concentrated in multi-effect evaporator (MEE) followed by dryer to form DDGS. Spentlees, MEE condensate, effluent from bottle washing, utilities and cogeneration unit shall be treated in effluent treatment plant (ETP) and water quality of treated effluent shall meet the norms prescribed by CPCB/SPCB.
- ix) No effluent from distillery and co-generation power plant shall be discharged outside the factory premises and 'Zero' effluent discharge concept shall be adopted.
- x) Online continuous monitoring of flow and pollutants in the treatment plant to be installed and monitored by the respective Regional Office of MEF&CC/SPCB. Data shall be uploaded on the company website or in public domain.
- xi) Process effluent/any wastewater shall not be allowed to mix with storm water. Storm water drain shall be passed through guard pond.
- xii) 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, Sulphate and Total Dissolve Solids shall be monitored and report submitted to the Ministry's Regional Office at Bhubaneshwar and WBS PCB.
- xiii) No storage of wet cake shall be done at site to avoid odour problem. An additional dryer shall be installed so that at any time wet cake is not sold then wet cake shall be converted into dry cake by operating additional dryer.
- xiv) Coal 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.
- xv) Fly 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.
- xvi) Fire fighting system shall be as per 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.
- xvii) 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 Bangalore within six months.
- xviii) 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.
- xix) 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.

- xx) As proposed, green belt over 33 % of the total project area shall be developed within plant premises with at least 10 meter wide green belt on all sides along the periphery of the project area, in downward direction, and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the DFO.
- xxi) All the commitment made regarding issues raised during the Public Hearing/consultation meeting held on 11th September, 2013 shall be satisfactorily implemented and a separate budget for implementing the same shall be allocated and information submitted to the Ministry's Regional Office at Bhubaneshwar.
- xxii) At least 5 % of the total cost of the project shall be earmarked towards the Enterprise Social Commitment based on locals need and item-wise details along with time bound action plan shall be prepared and submitted to the Ministry's Regional Office at Bhubaneshwar. Implementation of such program shall be ensured accordingly in a time bound manner.
- xxiii) 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, 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 must strictly adhere to the stipulations made by the West Bengal State Pollution Control Board (WBSPCB), State Government and any other statutory authority.
- 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 West Bengal State Pollution Control Board (WBSPCB) 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. During transfer of materials, spillages shall be avoided and gullane drains be constructed to avoid mixing of accidental spillages with domestic wastewater and storm water drains.
- vii. Usage of Personnel Protection Equipments by all employees/ workers shall be ensured.

viii. 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.

ix. 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.

x. The company shall undertake CSR activities and all relevant measures for improving the socio-economic conditions of the surrounding area.

xi. The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.

xii. A separate Environmental Management Cell equipped with full fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.

xiii. The company shall earmark sufficient funds for 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.

xiv. A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, ZilaParisad/Municipal Corporation, Urban local Body and the local NGO, if any, from who suggestions/ representations, if any, 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 West Bengal State Pollution Control Board. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.

xvi. The environmental statement for each financial year ending 31st March in Form-V as is mandated (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 Bhopal Regional Offices of MoEF by e-mail.

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.

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.

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.

11.0 Environmental Clearance is issued to M/s Alpine Distilleries Pvt. Ltd Grain based Distillery (60 KLPD) along with Cogeneration Power Plant (3.0 MW) at Village Mahanad, Block Polba-Dadpur, Polba, District Hoogly, West Bengal.



(Lalit Bokolia)
Additional Director

Copy to :-

1. The Secretary, Department of Environment, Govt. of West Bengal, Kolkata, West Bengal.
2. The Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, Delhi-110032.
3. The Chairman, West Bengal Pollution Control Board, Parivesh Bhawan, 10A Block-LA Sector-III, Salt Lake, Kolkata - 700091, West Bengal.
4. The Chief Conservator of Forests, Regional Office (EZ), Ministry of Environment, Forests and Climate Change, A-3, Chandrashekhpur, Bhubaneswar – 751 023, Orissa.
5. Monitoring Cell, Ministry of Environment and Forests, Paryavaran Bhavan, CGO Complex, New Delhi.
6. Guard File / Record File/ Notice Board.


(Lalit Bokolia)
Additional Director

Annexure – 9

NOC No 159725

WEST BENGAL POLLUTION CONTROL BOARD

Paribesh Bhawan
10A, Block - I.A, Sector III, Bidhannagar
Kolkata - 700 106



Memorandum No. 380/hg-nc-o/19/0133

Dated 03.06.19

From :
Member Secretary,
West Bengal Pollution Control Board



To : Alpine Distilleries (P) Ltd.
CJ - 231, Salt Lake, Sec.- II,
P.O.- Sech Bhaban, P. O. (Babu Bhaban, East),
Kolkata - 700 091.

Sub : Consent to Establish (NOC) from Environmental Point of View

Ref : Your letter No. Dated 24.04.2019

WEST BENGAL

Dear Sirs,

In response to the application for Consent to Establish (NOC) for proposed Unit of M/s
Alpine Distilleries (P) Ltd.

for manufacturing/installation of IMFL (Indian Made Foreign Liquor) i.e. 800 KL/month
and installation of 2 nos. D.G. Set of capacity 15 KVA & 1250 KVA (both Green
DG)
at plot/Dag no: 254, 259, 260, 262, 276, 289, Kh: 1095, Jh: 2, Mouza: Meghsar, P.O. & G.P.
Mahanad, under Polba P.S., Dist. - Hooghly, Pin - 712 149.
this is to inform you that this Board hereby grants the Consent to Establish (NOC) from the environmental point

of the above subject to the following conditions and special conditions annexed.

1. The quality of sewage and trade effluent to be discharged from your factory shall satisfy the permissible limits as prescribed in IS:2490 (Pt. I) of 1974, and/or its subsequent amendment and Environment (Protection) Rules 1986.
2. Suitable measures to treat your effluent shall be adopted by you in order to reduce the pollutant load so that the quality of the effluent satisfies the standards mentioned above.
3. You shall have to apply to this Board for its consent to operate and discharge of sewage and trade effluent according to the provisions of the water (Prevention & Control of Pollution) Act, 1974. No sewage or trade effluent shall be discharged by you without prior consent of this Board.
4. All emission from your factory shall conform to the standards as laid down by this Board.
5. No emission shall be permitted without prior approval of this Board and you shall apply to this Board for its consent to operate and atmospheric emission as per provision of the Air (Prevention & Control Pollution) act, 1981.
6. No industrial plant, furnace, flues, chimneys, control equipment, etc. shall be constructed/reconstructed/erected/re-erected without prior approval of this Board.

1000 159725

7. You shall comply with

- (i) Water (Prevention and Control of Pollution) Cess Act, 1977, if applicable.
- (ii) Water (Prevention and Control of Pollution) Cess Act, 1978, if applicable.
- (iii) Environment (Protection) Act, 1986
- (iv) Environment (Protection) Rules, 1986
- (v) Hazardous Wastes (Management and Handling) Rules, 1989 and Amended Rules, 2000
- (vi) Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 and Amended Rules, 2000
- (vii) Manufacture, Use, Import and Storage of Hazardous Micro Organisms, Genetically Engineered Organisms or Cell Rules, 1989
- (viii) The Public Liability Insurance Act, 1991 and Amended Act, 1992
- (ix) The Public Liability Insurance Rules, 1991 and Amended Rules 1993
- (x) Biomedical Wastes (Management & Handling) Rules, 1998 and Amended Rules 2000 if applicable.
- (xi) Recycled Plastics Manufacture and Usage Rules 1999, if applicable and
- (xii) Ozone Depleting Substances (Regulation & Control) Rules, 2000, if applicable

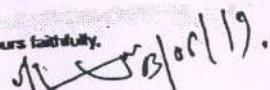
8. You will have to abide by any other stipulations as may be prescribed by any authority/local bodies/Government Departments etc.

SPECIAL CONDITION: please see the annexure.

Investment **Rs.16,48,00,000/-**

Any violation of the aforesaid conditions shall entail cancellation of this Consent to Establish (NOC)

Yours faithfully,


Member Secretary,
West Bengal Pollution Control Board

Dated: Environmental Engineer
Hooghly R.O., W.B.P.C.B.

Memo No. _____
Copy forwarded for information to :

1. Chief Inspector of Factories, Government of West Bengal, N. S. Building, Kolkata-700 001
2. Director of Industries/Director of Cottage & Small Scale Industries, Government of West Bengal, N. S. Building, Kolkata-700 001
3. Guard file, West Bengal Pollution Control Board.
4. Environmental Engineer, VII/Alipur R.O./Howrah R.O./Hooghly R.O./B.P.O./D.R.O./Haldia R.O./S.R.O./Asansol/ Sub-F.O./WBPC Board

Paribesh Bhawan
10A, LA-Block, Sector-III
Salt Lake City,
Kolkata - 700 098

Block-05 at 40
Flats Complex
Adjacent to Priyambada
Housing Estate
P.O. : Khanjanchak,
P.S. Durgachak
Haldia-721602
Dist. : Purba Medinipur

Paribahan Nagar
Matigara, Silguri
Dist. Darjeeling

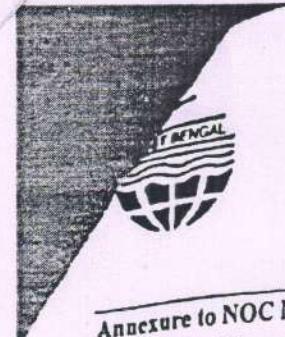
10, Camac Street
2nd Floor
Kolkata-700 017

Satya Chowdhury
Indoor Stadium
Balurchar Bandh Road
Malda-732101

Asansol Sub-Regional Office
ADDA Commercial Market (2nd Floor)
Opposite Asansol Fire Station
G.T. Road, Asansol-713 301

Member Secretary,
West Bengal Pollution Control Board





Annexure to NOC NO 159725
Special Conditions issued to _

West Bengal Pollution Control Board
(Department of Environment, Govt. of West
Bengal)
Himalaya Bhawan, Delhi Road, Dankuni, Dist - Hooghly, Pin - 712311
Telefax # (033) 2659 0957
Website : www.wbpcb.gov.in, Email : wbpcbnet@cal3.vsnl

Alpine Distilleries (P) Ltd.
CJ - 231, Salt Lake, Sec.- II,
P.O.- Sech Bhaban, P.S.- Bidhannagar(East),
Kolkata.- 700 091.

Emission :- D.G Set - 1 no. of 15 KVA & 1 no 250 KVA.

Stack - The D.G.Set to be provided with stack of height 3.5 m. above the D.G. room.
Stack to have sampling arrangements as per the Emission Regulation Part - III of CPCB.

Effluent :-

- 1) Process / wash - to be discharged to panchayet drain through ETP, as proposed.
- 2) Domestic - to be discharged through septic tank to panchayet drain.

Solid Waste :- ETP sludge - 15 kg/day - land filling.

Sp
General :-

- 1) The unit should obtain "Consent to Operate" from this Board prior to commencement of the project.
- 2) Noise Control - Ambient noise level & D.G. Set noise level not to exceed the permissible limit.
- 3) No activity should be done in the open space.
- 4) The standards / guidelines for control of noise from stationary Diesel generator sets prescribed under notification of Ministry of Environment & Forest, Govt. of India, G.S.R.371(E), [17/5/2002] and its amendments should be followed.
- 5) No additional machinery/equipment can be installed without permission from this Board. Ground water should not be abstracted without prior permission of the Competent Authority as per the West Bengal Ground Water Resources (Management, Control and Regulation) Act, 2005.

6) Adequate firefighting measures to be adopted to ensure safety. Proper fire detection & protection systems to be provided for controlling fire and explosion hazards. Permission to be obtained from concerned authority.

- 7) Good housekeeping to be maintained.
- 8) Tree planting/saplings in pot - along the periphery of the unit.
- 9) Land Conversion Certificate to be obtained, if applicable.
- 10) This NOC is valid subject to obtaining statutory licenses from concerned Govt. Departments, as applicable. Such permissions may be required at the time of submitting application for "Consent to Operate".
- 11) This NOC is valid up to next 7 years w.e.f. date of issue.

15/06/11).
Environmental Engineer
Hooghly Regional Office
West Bengal Pollution Control Board

Environmental Engineer
Hooghly R.O., W.B.P.C.B



Annexure-10

WEST BENGAL POLLUTION CONTROL BOARD

'Paribesh Bhawan'

Bldg. No. - 10A, Block - LA, Sector-III

Salt Lake City, Kolkata-700 098



Consent Letter Number : 00128999

Memo Number : 336 - 29-co-2/19/0134

Date : 13/11/2020

Consent to Operate

under

Section 25 & 26 of the Water (Prevention and Control of Pollution) Act, 1974 and
Section 21 of the Air (Prevention and Control of Pollution) Act, 1981

The West Bengal Pollution Control Board (hereinafter referred to as State Board) under the provisions of Section 25 & 26 of the Water (Prevention and Control of Pollution) Act, 1974, as amended and Section 21 of the Air (Prevention and Control of Pollution) Act, 1981, as amended and Rules and Orders made thereunder, hereby grants its consent to :

M/s Alpine Distilleries Pvt. Ltd.

WEST BENGAL

(Address of Regd. office/Head/Office/City Office)

(hereinafter referred to as Applicant) for its unit located at Mouza - Naga Para, T.L. No. - 1,

Mouza - Naga Para, T.L. No. 1, Mouza - Meghasar, T.L. No. - 2,

Vill & P.O. - Mahanad, P.S. - Polka, Dist - Hooghly, Pin - 712149.

(Detailed address of the manufacturing unit)

for a period from Date of issue

to 31/10/2025

to operate the industrial unit and to discharge liquid effluent and to emit gaseous effluent from the premises/land of the industrial unit, in accordance with the conditions as mentioned in the Annexure to this consent letter provided on any day at any instance the quantity and quality of liquid discharge and gaseous emission shall not exceed the permissible limit as specified in the Table I & II of this consent letter and in the Environmental (Protection) Act, 1986.

Breach of the conditions and / or failure to comply with the directions as set out in the Annexure shall render the applicant liable for prosecution under the provisions of the Water (Prevention and Control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act, 1981.

The State Board reserve the right to revoke, withdraw or make any reasonable variation / change / alter the conditions of this consent letter giving one month's notice to the applicant.

For and on behalf of the State Board

(Member Secretary/Chief Engr/ Sr. Env. Engr/ Env. Engr/ Asst. Env. Engr.)

Environmental Engineer



ANNEXURE

Consent to M/s Alpine Distilleries Pvt. Ltd.
 for its unit at Mouza - Nagarpara, T.L. A.O. 1, Mouza - Meghbar, T.L. A.O. 2,
 Vill. & P.O. - Mahanad, P.S - Polba, Dist - Hooghly, Pin - 712149

Conditions :

01. This Consent is valid for the manufacture of :-

Sl. No.	Name of major products and by-products	Quantity manufactured per month
01	Grain Based Distillery (Extra Neutral Alcohol)	1650 KL
02	Cogeneration Power Plant	3 MW capacity
04		
05		
06		
07		
08		
09		
10		
11		
12		

02. The *Applicant* shall remain responsible for quantity and quality of liquid effluent and air emissions.

03. Daily discharge of industrial liquid effluent shall not exceed *recycled* KL.

04. Daily discharge of domestic liquid effluent shall not exceed *8* KL.

05. Daily discharge of mixed (industrial & domestic) liquid effluent shall not exceed *33.5* KL.

06. The *Applicant* shall discharge liquid effluent to *through BTP to Panchayet Dari* (place of discharge) through *01 (One)* nos. outlets / outfalls.

07. To bring into any altered or new outlet/outfall or to change the place of discharge, the *Applicant* shall have to inform the Board and obtain prior permission of the Board in this effect.

08. The *Applicant* shall provide comprehensive facility for treatment of industrial liquid waste and domestic liquid waste (sewage, sullage and liquid effluent generated from canteen), and operate and maintain the same continuously so that the quality of final effluent conforms to the *Standard* as given in Table-I in page 03.

Maradi
13/11/20
 (Member Secretary/Chief Engr./Sr. Env. Engr. / Env. Engr. / Asst. Env. Engr.)

Environmental Engineer
 W. B. Pollution Control Board
 Contd.....

001284999

Consent to M/s. Alpine Distilleries Pvt. Ltd. ⁽³⁾
for its unit at Monza - Naganpara, J.L No-1, Monza - Meghsar, J.L. No-2,
Vill & P.O. - Mahanad, P.S - Polka, Dist - Houghly, Pin - 712149

Table-I

9. The *Applicant* falls in the *Red* Category of the Water (Prevention and Control of Pollution) Cess Act, 1977 and Rules made thereunder and the Applicant shall comply with the provisions of the said Act and Rules made thereunder.

10. Daily water consumption for the following purposes should not exceed :-

- Industrial cooling, spraying in mine pits and boiler feed water → *200* KL
(Water used for gardening should be included in this category of use)
- Domestic purpose → *10* KL
- Processing whereby water gets polluted and the pollutants are easily biodegradable → *150* KL
- Processing whereby water gets polluted and the pollutants are not easily biodegradable → *—* KL

The *Applicant* shall regularly submit to the Board the Returns of Water Consumption in the prescribed form and pay the Cess as specified under Section 3 of the said Act.

(Member-Secretary/Chief Engr./ Sr. Env. Engr. / Env. Engr. / Asst. Env. Engr.)

Environmental Engineer
W. B. Pollution Control Board, mdued.....
Operation & Execution Cell

(4)

Consent to M/S Alpine Distilleries Pvt. Ltd.
 for its unit at Mouza - Nagarpara, TL No. - 1, Mouza - Meghsar, TL No. 2
 Vill 8 P.O. - Mahanad, P.S. - Polba, Dist - Houghly, Pin - 712149

11. The *Applicant* shall install suitable device for measuring the volume of water consumed for different purposes as mentioned above giving correct result to the satisfaction of the *State Board*.
12. All the stacks connected to various sources of emissions must be designated by numbers such as S-1, S-2, S-3, etc., and this must be painted/displayed to facilitate identification.
13. The *Applicant* shall install comprehensive control system consisting of pollution control equipment as is warranted with reference to generation of air emissions and operate and maintain the same continuously so as to achieve the level of pollutants of the *Standard* as given in Table-II below :

Table-II

Stack No.	Stack height from GI., (in mts.)	Stack attached to (sources and control system, if any):	Volume Nm ³ /hr.	Velocity of gas emission m/sec	Concentrations of parameters not to exceed			Frequency of emission sampling
					SPM (mg/Nm ³)	CO (%v/v)		
S-1	40	Boiler (coal fired) One no. (25 TPH) with ESP (04 fields)	—	50	1			Quarterly
S-2	7	D.G. Set (1000 KVA)	—	150	1			
S-3		One no. with acoustic enclosure/ acoustic treatment						
S-4								
S-5								
S-6								
S-7								
S-8								
S-9								
S-10								

(Member Secretary/Chief Engr./ Sr. Env. Engr. / Env. Engr. / Asst. Env. Engr.)

Environment Engineer
 W. B. Pollution Control Board.....
 Operation & Execution Cell

Mardi
 13/11/20

CO128999

(5)

Consent to M/s. Alpine Distilleries Pvt. Ltd.
for its unit at Mouza:- Nagarpur, T.L.No. 1, Mouza - Meghsar, T.L.No. 2
Vill & P.O. - Mahanand, P.S. - Palba, Dist - Hooghly, Pin - 712149

14. The *Applicant* shall provide ports in the stack(s) and other necessary permanent facilities such as ladder, platform, etc. for monitoring/sampling the air emissions and the same shall be made available for inspection and use by the State Board's staff as well as State Board's authorised agencies.

15. The *Applicant* shall observe the following fuel consumption pattern :-

Sl. No	Type of fuel	Quantity consumed per day	Fuel burning operation where the fuel is used
01	Coal		Boiler(25 TPH)
02	HSD		D.G. Set(1000 KVA)
03			
04			
05			

16. The *Applicant* shall maintain the generation and treatment/disposal of non-hazardous solid waste as specified below :-

Type of waste	Quantity	Treatment	Disposal
Broken Glass, Carton	500 kg/day	—	Sold to authorized vendor
Ash	4 MT/day	—	Used for landfilling

17. The *Applicant* shall take adequate measures for control of noise levels from its own sources within the premises within the limit given below :-

Time	Limit in dB(A) L _{eq}
Day Time (06 a.m. to 09 p.m.)	65
Night Time (09 p.m. to 06 a.m.)	55

18. The *Applicant* shall at all times maintain good house-keeping, proper working order, and operate efficiently for control of pollution from all sources so as not to cause nuisance to surrounding areas/inhabitants and to achieve compliance with the terms and conditions of the consent.

19. The *Applicant* shall bring about at least 33% of the available open land under the green coverage / plantation.

20. The *Applicant* shall provide for an alternate electric power source sufficient to operate all pollution control facilities installed by the *Applicant* to maintain compliance with the terms and conditions of the consent. In absence of such an alternate electric power source, the *Applicant* shall stop, reduce or otherwise control production to abide by the terms and conditions of the Consent regarding pollution level.

21. The *Applicant* shall install a separate energy meter showing the consumption of energy for operation of pollution control devices.

22. The *Applicant* shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.

23. The *Applicant* shall provide drainage system for conveying industrial and domestic liquid waste. Storm-water drain shall be kept separate from the drainage system meant for industrial and domestic liquid waste

*Mardi
13/11/20*

(Member-Secretary/Chief Engr./Sr. Env. Engr. / Env. Engr. / Asst. Env. Engr.)

Environmental Engineer
W. B. Pollution Control Board
Operation & Execution Cell
Continued.....

Consent to M/s. Alpine Distilleries Pvt. Ltd.

for its unit at Mouza - Naganpara, T.L. No. - 1, Mouza - Meghbar, T.L. No. 2
Vill & P.O. - Mahanad, P.O. - Palba, Dist - Houghly, Pin - 712149.

24. The *Applicant* shall maintain a separate register showing consumption of chemicals used in pollution control systems.
25. The *Applicant* shall get the samples of hazardous wastes/leachates analysed at least once in from the laboratory recognised of the West Bengal Pollution Control Board and ensure that they conform to the limits stipulated. Test reports shall be sent to the Board.
26. The *Applicant* shall provide adequate and safe facility for collection of air, waste water and solid waste samples by the *State Board's* staff as well as *State Board's* authorised agencies.
27. The *Applicant* shall submit to the *State Board* by the 30th September of every year the Environmental Statement Report for the financial year ending 31st March of the current year in the prescribed form (Form -V) as required under the provisions of rule 14 of the Environment (Protection) [Second Amendment] rules, 1992.
28. The *Applicant* shall allow the Officers of the *State Board* to enter into the applicant's premises at any reasonable time to inspect the pollution control systems as well as monitoring and measuring devices in connection with prevention & control of pollution.
29. The *Applicant* shall maintain an Inspection Book in the factory premises which shall be made available to Officers & employees of the *State Board* for inspection, review and to write down any direction or observation as is deemed necessary during the inspection from time to time.
30. The *Application* shall furnish to the *State Board* all information in respect of quality, quantity, rate of discharge, place of discharge of liquid effluent and air emissions.
31. The *Applicant* shall maintain adequate number of qualified and trained personnel among his staff for proper maintenance and operation of the effluent treatment and / or emission control devices and for overall environment management of the industry.
32. The *Applicant* shall have to make registration for the use of groundwater if any, with Central Ground Water Authority.
33. The *Applicant* shall intimate to the *State Board* immediately of any occurrence or apprehension of occurrence of discharge of any poisonous, noxious or pollutants in excess of quality as well as quality as mentioned earlier to any receiving water body/receiving system or to atmosphere owing to accident or other unforeseen incident/event including natural disaster. The *Applicant* Shall (i) take all steps adequate to prevent such accident discharge/release of poisonous, noxious or pollutants and to limit their consequences to persons and the environment, (ii) provide to the persons working on the site with the information, training and equipment including antidotes necessary to ensure their safety and mitigate the accidental release of poisonous noxious or pollutants to the environment.
34. The *Applicant* shall make an application to the *State Board* in the prescribed form for renewal of the consent at least 60 (sixty) days before the date of expiry of this Consent.
35. The *Applicant* shall not make any alteration/modification/expansion in the existing manufacturing process and equipment as well as the pollution control system without prior approval of the Board.
36. The *Applicant* shall comply with the conditions as laid down in the Manufacture, Storage and Import of hazardous Chemicals Rules, 1989 and Hazardous Wastes (Management & Handling) Rules, 1989.

Additional Conditions *See Annexure.*

(Member Secretary/Chief Engr/ Sr. Env. Engr/ Env. Engr/ Asst. Env. Engr.)

Marsali
13/11/20
Environmental Engineer
W. B. Pollution Control Board
Monitoring & Evaluation Cell

Annexure to Consent Letter Number – CO128999

Additional Conditions issued to M/s. Alpine Distilleries Pvt. Ltd. at mouza-Nagarpara & Meghsar, Vill & P.O- Mahanad, P.S-Polba, Dist- Hooghly, PIN-712149.

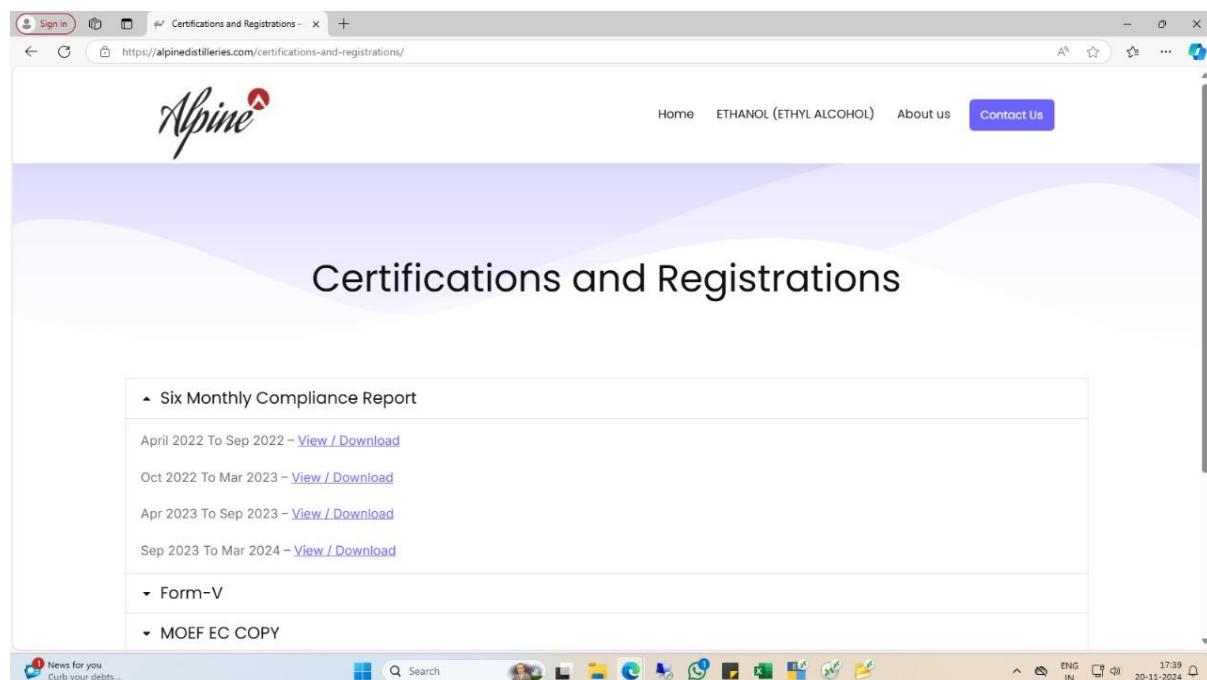
1. The unit shall abide by all other condition as mentioned in Environmental Clearance (EC) issued vide no. F.No.J-11011/227/2012-IA.II(I) dated 23.02.2015 and NOC issued vide memo no.1082-2N-101/2012(E) dated 31.12.2015 in favour of the Grain Based Distillery Plant.
2. The unit should obtain all the statutory licenses as applicable from other concerned Govt. Department.
3. This consent may be revoked at any time on violation of environmental norms.
4. The unit shall submit a status of compliance of the conditions stipulated in EC.
5. The unit should install Continuous Emission Monitoring System for all emission sources within 03(three) months from here of failing which regulatory action will be initiated.
6. The unit shall develop tree plantation/greeneries as per EC/NOC condition during monsoon season and submit compliance report.
7. This consent to Operate is valid for operation of the Grain Based Distillery Plant(60KLPD) and cogeneration power plant of capacity-3MW.

Mawali
13/11/20
Environmental Engineer
West Bengal Pollution Control Board

Environmental Engineer
W. B. Pollution Control Board
Operation & Execution Cell

Annexure-11

Company Website Upload of Compliance reports:



Annexure-12



Employees' State Insurance Corporation

Contribution History Of 41410508050011002 for Aug2024

Total IP Contribution		Total Employer Contribution		Total Contribution		Total Government Contribution		Total Monthly Wages	
SNo.	Is Disable	IP Number	IP Name	No. Of Days	Total Wages	IP Contribution	Reason		
1	-	4118839308	RAKESH KUMAR PANDIT	31	16071.00	121.00	-		
2	-	4118192517	TAMAL ROY	31	23430.00	176.00	-		
3	-	4118840607	SUNIL SAHANI	31	19822.00	149.00	-		
4	-	4117678800	PRADIPTA PAL	31	13651.00	103.00	-		
5	-	4118065350	DIPANJAN DATTA	31	21439.00	161.00	-		
6	-	4118115054	PRAYAG KUMAR YADAV	31	22693.00	171.00	-		
7	-	4118839507	SADANAND	27	20598.00	155.00	-		
8	-	4118234628	SUKDEB PATRA	31	23584.00	177.00	-		
9	-	4117945464	SUJAN DAS	31	12837.00	97.00	-		
10	-	4118840527	INDRAJIT YADAV	31	12100.00	91.00	-		
11	-	4118518741	GOBINDA GHOSH	31	14377.00	108.00	-		
12	-	4118192690	SOUREN DUTTA	31	14377.00	108.00	-		
13	-	4115924103	PRAMOD SAH	31	21912.00	165.00	-		
14	-	4118193196	KARTIK SARKAR	31	14377.00	108.00	-		
15	-	4118190923	SOUVIK KHANRA	31	14377.00	108.00	-		
16	-	4118027720	SARBAJIT NAYEK	31	17094.00	129.00	-		
17	-	4020230125	SUKAMAL BISWAS	31	23518.00	177.00	-		
18	-	4115433643	SUBRATA DAS	31	21043.00	158.00	-		
19	-	4020756461	BIBHAS GIRI	31	24090.00	181.00	-		

5:56:45PM

Printed On: 11/20/2024

SNo.	Is Disable	IP Number	IP Name	No. Of Days	Total Wages	IP Contribution	Reason
20	-	4116029382	SOURENDRANATH JASU	31	16423.00	124.00	-
21	-	4118065320	ROUF MALICK	0	0.00	0.00	Left Service
22	-	4118840389	RAMESH GHORUI	31	23265.00	175.00	-
23	-	4118840411	SANJAY KUMAR	31	18304.00	138.00	-
24	-	4117642762	RAKA DUTTA	31	12199.00	92.00	-
25	-	4118046860	PIJUSH SANTRA	31	12199.00	92.00	-
26	-	4117644020	TOTON MONDAL	31	12199.00	92.00	-
27	-	4117746029	SUMAN ROY	31	12199.00	92.00	-
28	-	4118978405	PARAS VARMA	26	18769.00	141.00	-
29	-	4117643414	BASUDEB CHOUDHURY	31	13639.00	103.00	-
30	-	4118240667	PRASHANTA BAULDAS	31	12107.00	91.00	-
31	-	4119230667	DHARAMVEER	31	19888.00	150.00	-
32	-	4119230734	RAHUL KUMAR	26	8947.00	68.00	-
33	-	4118154780	SURAJIT DUTTA	31	12700.00	96.00	-
34	-	4119230775	SATENDAR KUMAR GOND	31	18900.00	142.00	-
35	-	4119534010	DIGAMBAR SINGH	31	18900.00	142.00	-
36	-	4119657149	BISHTU BAULDAS	30	18649.00	140.00	-
37	-	4119657245	PARVEEN KUMAR	31	12500.00	94.00	-
38	-	4117643471	Saugata Patra	31	11500.00	87.00	-
39	-	4117643384	SUKUMAR ROY	31	11500.00	87.00	-
40	-	4116479876	CHHOTU DOM	31	10500.00	79.00	-
41	-	4118024026	JAYANTA KHAN	31	11500.00	87.00	-
42	-	4119657396	PANKAJ	31	13000.00	98.00	-
43	-	4119656683	AMIT KUMAR	31	10500.00	79.00	-
44	-	4021033407	KRISHNENDU PAL	31	17787.00	134.00	-
45	-	4115043172	TAPAS DAS	31	13959.00	105.00	-
46	-	4114660135	RUPATAN TUDU	30	15031.00	113.00	-
47	-	4114817794	KARTICK HORIJAN	28	12101.00	91.00	-
48	-	4116751176	DEBNATH MURMU	31	10637.00	80.00	-

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SNo.	Is Disable	IP Number	IP Name	No. Of Days	Total Wages	IP Contribution	Reason
49	-	4116663515	MANJOY BAULDAS	30	11326.00	85.00	-
50	-	4117241402	SIDHURAM HANSDA	31	12221.00	92.00	-
51	-	4115434211	shashi bhushan kumar	31	22110.00	166.00	-
52	-	4114255665	DAROGA PASWAN	13	9203.00	70.00	-
53	-	4118885689	JITENDRA KUMAR	31	19756.00	149.00	-
54	-	4112737793	BHAJAN PASWAN	31	21307.00	160.00	-
55	-	4116481476	ROHIT KUMAR	29	17607.00	133.00	-
56	-	4117984960	PAWAN THAKUR	20	12753.00	96.00	-
57	-	4116479950	NITU MANDI	30	12838.00	97.00	-
58	-	4114975544	MD NASIR KHAN	28	12052.00	91.00	-
59	-	4118332760	SHYAMAL MURMU	30	11646.00	88.00	-
60	-	4116646667	RUNU ADAK	30	13551.00	102.00	-
61	-	4116646704	MINOTI SAREN	22	7766.00	59.00	-
62	-	4114817812	RUNU DAS	25	8825.00	67.00	-
63	-	4116675376	MANIKA SEN	19	6707.00	51.00	-
64	-	4116675390	SIMA KAR	16	5648.00	43.00	-
65	-	4116676925	RAJIA BIBI	0	0.00	0.00	On Leave
66	-	4116675401	MAMATA PAUL	18	6354.00	48.00	-
67	-	4116678294	SHILPI BHAWAL	19	6707.00	51.00	-
68	-	4116678585	KAKALI MONDAL	15	5295.00	40.00	-
69	-	4116678593	MALA DUTTA	18	6354.00	48.00	-
70	-	4116675622	MANJU SAMADDAR	18	6354.00	48.00	-
71	-	4117680273	RUMA KISKU	18	6354.00	48.00	-
72	-	4116675619	Parbati Hambram	6	2118.00	16.00	-
73	-	4116751077	KRISHNA PAKIRA	4	1412.00	11.00	-
74	-	4116675987	MAMONI ROY KARMAKAR	16	5648.00	43.00	-
75	-	4116675980	JHUMPA BAULDAS	9	3177.00	24.00	-
76	-	4116750960	SARASWATI HARIJAN	17	6001.00	45.00	-
77	-	4116683648	RUPA MALIK	12	4236.00	32.00	-

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SNo.	Is Disable	IP Number	IP Name	No. Of Days	Total Wages	IP Contribution	Reason
78	-	4116683646	RINA HANSDA	15	5295.00	40.00	-
79	-	4117241391	SUMITRA HANSDA	18	6354.00	48.00	-
80	-	4116675974	PURNIMA HANSDA	6	2118.00	16.00	-
81	-	4116683643	SUPRIYA MONDAL	20	7060.00	53.00	-
82	-	4116683639	RAMA BAULDAS	17	6001.00	45.00	-
83	-	4116683635	CHANDANA DEBNATH	17	6001.00	45.00	-
84	-	4116675963	LIPIKA BARUI	18	6354.00	48.00	-
85	-	4116576656	Sharifa Bibi	13	4589.00	35.00	-
86	-	4116675639	JAMUNA SAREN	23	8119.00	61.00	-
87	-	4116788113	PAMPA PRAMANIK	19	6707.00	51.00	-
88	-	4116683630	URMILA DUTTA	10	3530.00	27.00	-
89	-	4116646588	JOYMALA HEMBRAM	17	6001.00	45.00	-
90	-	4116683625	SHIKHA SOREN	3	1059.00	8.00	-
91	-	4116677010	REKHA RAY PAL	16	5648.00	43.00	-
92	-	4116675254	SUMITRA MURMU	17	6001.00	45.00	-
93	-	4117092042	Shrabani Saren	15	5295.00	40.00	-
94	-	4116675214	ALPONA BAULDAS	16	5648.00	43.00	-
95	-	4117241414	RUPALI HANSDA	12	4236.00	32.00	-
96	-	4116675226	MADHUMITA KHAMARU	18	6354.00	48.00	-
97	-	4116725875	MADHABI SAREN	17	6001.00	45.00	-
98	-	4116676082	SARASWATI HEMBRAM	22	7766.00	59.00	-
99	-	4116676080	Sunandita Brahma	17	6001.00	45.00	-
100	-	4116676076	Sefali Murmu	20	7060.00	53.00	-
101	-	4116576640	PARBATI KISKU	18	6354.00	48.00	-
102	-	4116676075	SUSMITA DAS	16	5648.00	43.00	-
103	-	4116683432	MOUSUMI DESHMUKH	13	4589.00	35.00	-
104	-	4116676074	ANIMA ROY	0	0.00	0.00	On Leave
105	-	4116676072	MOUSUMI BAULDAS	19	6707.00	51.00	-
106	-	4116683418	KAKALI KISKU	19	6707.00	51.00	-

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SNo.	Is Disable	IP Number	IP Name	No. Of Days	Total Wages	IP Contribution	Reason
107	-	4116677085	GEETA TUDU	15	5295.00	40.00	-
108	-	4116724588	SUPARNA DAS	17	6001.00	45.00	-
109	-	4116678632	KUMKUM KAR	12	4236.00	32.00	-
110	-	4116683404	RUPA ROY	19	6707.00	51.00	-
111	-	4116678619	MITA BAULDAS	18	6354.00	48.00	-
112	-	4116678615	SOMA ROY	15	5295.00	40.00	-
113	-	4116678613	RITA MONDAL	20	7060.00	53.00	-
114	-	4116683394	PARBATI ROY	17	6001.00	45.00	-
115	-	4116677067	ANIMA SAMADDAR	18	6354.00	48.00	-
116	-	4114846171	CHANDANI KISKU	16	5648.00	43.00	-
117	-	4114846453	PANMONI MURMU	22	7766.00	59.00	-
118	-	4114860215	Sumitra Bauldas	16	5648.00	43.00	-
119	-	4114846222	PRATIMA HANSDA	15	5295.00	40.00	-
120	-	4116676758	FULMONI HEMBRAM	21	7413.00	56.00	-
121	-	4116751160	MALINA SAREN	20	7060.00	53.00	-
122	-	4117014308	PARBATI HANSDA	20	7060.00	53.00	-
123	-	4116683152	KABITA PAL	14	4942.00	38.00	-
124	-	4114846457	ANITA GHOSH	18	6354.00	48.00	-
125	-	4114846162	PAMPA KEORA	14	4942.00	38.00	-
126	-	4116683142	NARGIS KHATUN	16	5648.00	43.00	-
127	-	4116962860	KOBITA MUNDA SING	15	5295.00	40.00	-
128	-	4114859110	CHAMPA BIBI	21	7413.00	56.00	-
129	-	4116683037	MAMANI RUIDAS	15	5295.00	40.00	-
130	-	4116683013	MOUMITA MONDAL	24	8472.00	64.00	-
131	-	4116676847	MAYA DAS	19	6707.00	51.00	-
132	-	4116676878	SHRABANTI MANDI	20	7060.00	53.00	-
133	-	4116676900	JHARNA ROY	19	6707.00	51.00	-
134	-	4116724618	SUMITRA MALIK	11	3883.00	30.00	-
135	-	4116932261	SIMA MAJHI	9	3177.00	24.00	-

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SNo.	Is Disable	IP Number	IP Name	No. Of Days	Total Wages	IP Contribution	Reason
136	-	4116725834	MAYNA MANDI	14	4942.00	38.00	-
137	-	4116751168	BASANTI HANSDA	17	6001.00	45.00	-
138	-	4116750958	MANIKA SAREN	0	0.00	0.00	On Leave
139	-	4116725823	RUPALI MANDI	21	7413.00	56.00	-
140	-	4116725807	LAXMI HANSDA	16	5648.00	43.00	-
141	-	4117091959	DIPA MUNDA	8	2824.00	22.00	-
142	-	4116725784	PRATIMA HEMBRAM	21	7413.00	56.00	-
143	-	4116751163	JHARNA MURMU	18	6354.00	48.00	-
144	-	4116750968	GITA HEMBRAM	18	6354.00	48.00	-
145	-	4116750963	UPAL TUDU	22	7766.00	59.00	-
146	-	4116725732	DURGA MURMU HANSDA	0	0.00	0.00	On Leave
147	-	4116725715	PARBATI KISKU	9	3177.00	24.00	-
148	-	4114846179	RACHANA MALIK	18	6354.00	48.00	-
149	-	4116725659	Jyotsna Bauladas	9	3177.00	24.00	-
150	-	4116725624	MANJU BAUL DAS	14	4942.00	38.00	-
151	-	4116751085	MITHU HANSDA	5	1765.00	14.00	-
152	-	4118332820	RITALI HANSDA	19	6707.00	51.00	-
153	-	4114846214	SARASWATI MURMU	18	6354.00	48.00	-
154	-	4116676085	MADHABI SAREN	13	4589.00	35.00	-
155	-	4114846224	KAKALI MURMU	14	4942.00	38.00	-
156	-	4116725864	MAMANI MURMU	14	4942.00	38.00	-
157	-	4118332782	SILPA MAJHI	0	0.00	0.00	On Leave
158	-	4114860227	SUMITA CHOWDHURY	19	6707.00	51.00	-
159	-	4114860233	SUMITA TUDU	15	5295.00	40.00	-
160	-	4116724667	MANISHA HANSDA	11	3883.00	30.00	-
161	-	4114860210	SUMITA HANSDA	12	4236.00	32.00	-
162	-	4116724686	SEFALI HANSDA	19	6707.00	51.00	-
163	-	4116724707	AROTI RAY	15	5295.00	40.00	-
164	-	4116751158	TUMPA SOREN	17	6001.00	45.00	-

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SNo.	Is Disable	IP Number	IP Name	No. Of Days	Total Wages	IP Contribution	Reason
165	-	4116724708	MANJU BAUL DAS	16	5648.00	43.00	-
166	-	4116725341	RITA BAULDAS	15	5295.00	40.00	-
167	-	4116725357	Jhumpa Ray	12	4236.00	32.00	-
168	-	4116751071	NILIMA BAULDAS	15	5295.00	40.00	-
169	-	4116750966	SABITA MAJHI	20	7060.00	53.00	-
170	-	4116751067	SUMITRA MURMU	14	4942.00	38.00	-
171	-	4116725388	KABITA SAREN	13	4589.00	35.00	-
172	-	4114846236	JAMUNA SANTRA	18	6354.00	48.00	-
173	-	4116725397	KRISHNA BAUL DAS	17	6001.00	45.00	-
174	-	4116725845	BASANTI HANSDA	15	5295.00	40.00	-
175	-	4116725854	KHUKUMANI BAULDAS	14	4942.00	38.00	-
176	-	4114846142	SUKUMONI MANDI	12	4236.00	32.00	-
177	-	4117092024	BANI SAMANTA	16	5648.00	43.00	-
178	-	4114846199	BUDU MANDI	17	6001.00	45.00	-
179	-	4116724564	SUSAMA NAYEK	12	4236.00	32.00	-
180	-	4116803461	RUPALI SAREN	16	5648.00	43.00	-
181	-	4114859113	JAYANTI ADAK	18	6354.00	48.00	-
182	-	4114846150	DULARI HANSDA	18	6354.00	48.00	-
183	-	4114846452	SONALI DAS	11	3883.00	30.00	-
184	-	4114846204	ANITA CHOWDHURY	15	5295.00	40.00	-
185	-	4116724606	SANDIPA MONDAL	17	6001.00	45.00	-
186	-	4116646683	LAKSHMIMANI SOREN	0	0.00	0.00	On Leave
187	-	4116675628	SUMI HEMBRAM	8	2824.00	22.00	-
188	-	4116675239	RANI BAULDAS	16	5648.00	43.00	-
189	-	4116676781	ANIMA MANDI	11	3883.00	30.00	-
190	-	4116751171	MAYNA HANSDA	18	6354.00	48.00	-
191	-	4116683124	SHIKHA BAULDAS	14	4942.00	38.00	-
192	-	4116676801	PURNIMA MONDAL	17	6001.00	45.00	-
193	-	4116725686	MADHO HANSDA	15	5295.00	40.00	-

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SNo.	Is Disable	IP Number	IP Name	No. Of Days	Total Wages	IP Contribution	Reason
194	-	4116724535	Soma Sadhukhan	19	6707.00	51.00	-
195	-	4116788142	MANDIRA MANDI	17	6001.00	45.00	-
196	-	4116646528	JHARNA MURMU	17	6001.00	45.00	-
197	-	4114846174	MONIMALA DAS	17	6001.00	45.00	-
198	-	4116724684	KHUKUMANI PAUL	20	7060.00	53.00	-
199	-	4116092063	SAFINA SULTANA	14	4942.00	38.00	-
200	-	4116521529	RABIN MAJUMDER	0	0.00	0.00	On Leave
201	-	4116675959	REKHA BAULDAS	0	0.00	0.00	On Leave
202	-	4116676836	SIMA MONDAL	0	0.00	0.00	On Leave
203	-	4114859121	LILU PAL MAJHI	0	0.00	0.00	On Leave
204	-	4116724675	DEBASHRI BERA	0	0.00	0.00	On Leave
205	-	4116683089	SWAPNA BRAHMA	0	0.00	0.00	On Leave
206	-	4117589878	JHUMPA PATRA	0	0.00	0.00	On Leave
207	-	4116675967	PRIYANKA MAJHI	0	0.00	0.00	On Leave
208	-	4116576662	SHYAMALI MURMU	0	0.00	0.00	On Leave
209	-	4116576635	LABONI MURMU	0	0.00	0.00	On Leave
210	-	4116725318	DIPALI MURMU	0	0.00	0.00	On Leave
211	-	4114859122	FULMONI MURMU	0	0.00	0.00	On Leave
212	-	4119657294	NISHANT KUMAR	0	0.00	0.00	Left Service
213	-	4114846167	SOMA MAJHI	0	0.00	0.00	On Leave

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Annexure-13

CSR Activities:



Bus Stop development in nearby village



Tree Plantation Program

Annexure-14

FORMAT NO. ENV/ FM/40

TEST REPORT

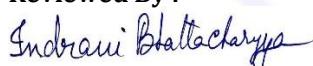
Name of the Industry	:	Alpine Distilleries Pvt. Ltd.			Type of Industry	:	Distillery
Address	:	Mahanad, Polba, Hooghly			Sampling Date	:	26.09.2024
	Period of Analysis				:	26.09.2024 - 05.10.2024	
	Date of Issue				:	06.10.2024	
Sampling Plan & Procedure	:	ENV/SOP/01	Deviation from the Sampling Method and Plan	:	No	Type of Sample	Ground Water
Location	:	Borewell - 1	Sample Condition	:	Sealed	ULR No.	TC6014000000848P

SL. NO.	PARAMETERS	TEST METHOD	UNIT	RESULTS
1.	pH	4500 H ⁺ B APHA 23 rd Edition, 2017	-	7.85
2.	Total Dissolved Solids	APHA 23 rd Ed., 2450 C : 2017	mg/l	482.0
3.	Chloride	APHA 23 rd Ed., 4500 Cl-B/D : 2017	mg/l	45.98
4.	Chemical Oxygen Demand	5220 B/C/D APHA 23 rd Edition, 2017	mg/l	<5.0
5.	Biochemical Oxygen Demand for 5 days at 20°C	5210 B APHA 23 rd Edition, 2017	mg/l	<2.0
6.	Sulfate	APHA 23 rd Ed., 4500-SO ₄ ²⁻ E : 2017	mg/l	46.50

Remarks : a) Sample collected by Envirocheck and sent to lab for testing in sealed condition.

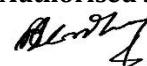
b) Result relates only to the sample tested.

Reviewed By :



INDRANI BHATTACHARYA
 Dy. Technical Manager, Chemical

Authorised Signatory :



Dr. SUMIT CHOWDHURY
 Technical Manager



FORMAT NO. ENV/ FM/40

TEST REPORT

Name of the Industry	:	Alpine Distilleries Pvt. Ltd.			Type of Industry	:	Distillery
Address	:	Mahanad, Polba, Hooghly			Sampling Date	:	26.09.2024
	Period of Analysis				:	26.09.2024 - 05.10.2024	
	Date of Issue				:	06.10.2024	
Sampling Plan & Procedure	:	ENV/SOP/01	Deviation from the Sampling Method and Plan	:	No	Type of Sample	Ground Water
Location	:	Borewell - 2	Sample Condition	:	Sealed	ULR No.	TC6014000000849P

SL. NO.	PARAMETERS	TEST METHOD	UNIT	RESULTS
1.	pH	4500 H ⁺ B APHA 23 rd Edition, 2017	-	7.70
2.	Total Dissolved Solids	APHA 23 rd Ed., 2450 C : 2017	mg/l	346.0
3.	Chloride	APHA 23 rd Ed., 4500 Cl-B/D : 2017	mg/l	25.99
4.	Chemical Oxygen Demand	5220 B/C/D APHA 23 rd Edition, 2017	mg/l	<5.0
5.	Biochemical Oxygen Demand for 5 days at 20°C	5210 B APHA 23 rd Edition, 2017	mg/l	<2.0
6.	Sulfate	APHA 23 rd Ed., 4500-SO ₄ ²⁻ E : 2017	mg/l	42.80

Remarks : a) Sample collected by Envirocheck and sent to lab for testing in sealed condition.

b) Result relates only to the sample tested.

Reviewed By :

INDRANI BHATTACHARYA
 Dy. Technical Manager, Chemical

Authorised Signatory :

Dr. SUMIT CHOWDHURY
 Technical Manager



FORMAT NO. ENV/ FM/40

TEST REPORT

Name of the Industry	:	Alpine Distilleries Pvt. Ltd.			Type of Industry	:	Distillery
Address	:	Mahanad, Polba, Hooghly			Sampling Date	:	26.09.2024
	Period of Analysis				:	26.09.2024 - 05.10.2024	
	Date of Issue				:	06.10.2024	
Sampling Plan & Procedure	:	ENV/SOP/01	Deviation from the Sampling Method and Plan	:	No	Type of Sample	Ground Water
Location	:	Borewell - 3	Sample Condition	:	Sealed	ULR No.	TC6014000000850P

SL. NO.	PARAMETERS	TEST METHOD	UNIT	RESULTS
1.	pH	4500 H ⁺ B APHA 23 rd Edition, 2017	-	7.65
2.	Total Dissolved Solids	APHA 23 rd Ed., 2450 C : 2017	mg/l	320.0
3.	Chloride	APHA 23 rd Ed., 4500 Cl-B/D : 2017	mg/l	11.99
4.	Chemical Oxygen Demand	5220 B/C/D APHA 23 rd Edition, 2017	mg/l	<5.0
5.	Biochemical Oxygen Demand for 5 days at 20°C	5210 B APHA 23 rd Edition, 2017	mg/l	<2.0
6.	Sulfate	APHA 23 rd Ed., 4500-SO ₄ ²⁻ E : 2017	mg/l	40.20

Remarks : a) Sample collected by Envirocheck and sent to lab for testing in sealed condition.

b) Result relates only to the sample tested.

Reviewed By :

INDRANI BHATTACHARYA
Dy. Technical Manager, Chemical

Authorised Signatory :

Dr. SUMIT CHOWDHURY
Technical Manager



FORMAT NO. ENV/ FM/40

TEST REPORT

Name of the Industry	:	Alpine Distilleries Pvt. Ltd.			Type of Industry	:	Distillery
Address	:	Mahanad, Polba, Hooghly			Sampling Date	:	26.09.2024
	Period of Analysis				:	26.09.2024 - 05.10.2024	
	Date of Issue				:	06.10.2024	
Sampling Plan & Procedure	:	ENV/SOP/01	Deviation from the Sampling Method and Plan	:	No	Type of Sample	Ground Water
Location	:	Mahanad Village (East Side)	Sample Condition	:	Sealed	ULR No.	TC6014000000851P

SL. NO.	PARAMETERS	TEST METHOD	UNIT	RESULTS
1.	pH	4500 H+B APHA 23 rd Edition, 2017	-	7.82
2.	Total Dissolved Solids	APHA 23 rd Ed., 2450 C : 2017	mg/l	414.0
3.	Chloride	APHA 23 rd Ed., 4500 Cl-B/D : 2017	mg/l	41.98
4.	Chemical Oxygen Demand	5220 B/C/D APHA 23 rd Edition, 2017	mg/l	<5.0
5.	Biochemical Oxygen Demand for 5 days at 20°C	5210 B APHA 23 rd Edition, 2017	mg/l	<2.0
6.	Sulfate	APHA 23 rd Ed., 4500-SO ₄ ²⁻ E : 2017	mg/l	46.50

Remarks : a) Sample collected by Envirocheck and sent to lab for testing in sealed condition.

b) Result relates only to the sample tested.

Reviewed By :

INDRANI BHATTACHARYA
 Dy. Technical Manager, Chemical

Authorised Signatory :

Dr. SUMIT CHOWDHURY
 Technical Manager

**FORMAT NO. ENV/EM/40****TEST REPORT**

Name of the Industry		Alpine Distilleries Pvt. Ltd.				Type of Industry		Distillery	
Address		Mahanad, Polba, Hooghly				Sampling Date		26.09.2024	
						Period of Analysis		26.09.2024 - 05.10.2024	
						Date of Issue		06.10.2024	
Sampling Plan & Procedure		ENV/SOP/01	Deviation from the Sampling Method and Plan		No	Type of Sample		Ground Water	
Location	: Mahanad Village (North Side)	Sample Condition	: Sealed	ULR No.	: TC6014000000852P				

SL. NO.	PARAMETERS	TEST METHOD	UNIT	RESULTS
1.	pH	4500 H ⁺ B APHA 23 rd Edition, 2017	-	7.70
2.	Total Dissolved Solids	APHA 23 rd Ed., 2450 C : 2017	mg/l	358.0
3.	Chloride	APHA 23 rd Ed., 4500 Cl-B/D : 2017	mg/l	35.98
4.	Chemical Oxygen Demand	5220 B/C/D APHA 23 rd Edition, 2017	mg/l	<5.0
5.	Biochemical Oxygen Demand for 5 days at 20°C	5210 B APHA 23 rd Edition, 2017	mg/l	<2.0
6.	Sulfate	APHA 23 rd Ed., 4500-SO ₄ ²⁻ E : 2017	mg/l	51.80

Remarks : a) Sample collected by Envirocheck and sent to lab for testing in sealed condition.**b) Result relates only to the sample tested.****Reviewed By :**INDRANI BHATTACHARYA
Dy. Technical Manager, Chemical**Authorised Signatory :**Dr. SUMIT CHOWDHURY
Technical Manager

TEST REPORT

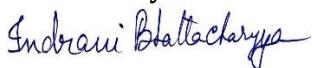
Name of the Industry		: Alpine Distilleries Pvt. Ltd.			Type of Industry		: Distillery	
Address		: Mahanad, Polba, Hooghly			Sampling Date		: 26.09.2024	
					Period of Analysis		: 26.09.2024 – 05.10.2024	
					Date of Issue		: 06.10.2024	
Sampling Plan & Procedure		: ENV/SOP/01		Deviation from the Sampling Method and Plan	: No	Type of Sample		: Ground Water
Location	: Mahanad Village (West Side)	Sample Condition	: Sealed	ULR No.	: TC6014000000853P			

SL. NO.	PARAMETERS	TEST METHOD	UNIT	RESULTS
1.	pH	4500 H ⁺ B APHA 23 rd Edition, 2017	-	7.80
2.	Total Dissolved Solids	APHA 23 rd Ed., 2450 C : 2017	mg/l	382.0
3.	Chloride	APHA 23 rd Ed., 4500 Cl-B/D : 2017	mg/l	39.98
4.	Chemical Oxygen Demand	5220 B/C/D APHA 23 rd Edition, 2017	mg/l	<5.0
5.	Biochemical Oxygen Demand for 5 days at 20 ⁰ C	5210 B APHA 23 rd Edition, 2017	mg/l	<2.0
6.	Sulfate	APHA 23 rd Ed., 4500-SO ₄ ²⁻ E : 2017	mg/l	46.20

Remarks : a) Sample collected by Envirocheck and sent to lab for testing in sealed condition.

b) Result relates only to the sample tested.

Reviewed By :



INDRANI BHATTACHARYA
Dy. Technical Manager, Chemical

Authorised Signatory :



Dr. SUMIT CHOWDHURY
Technical Manager

<End of Report>