



To  
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](mailto:iro.kolkata-mefcc@gov.in)

Date: 25/05/2024

**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:** October 2023 to March 2024.

**Sub.: Submission of Six Monthly Compliance Report for the period of October 2023 to March 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

October 2023 – March 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

### OCTOBER 2023 to MARCH 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: -23<sup>rd</sup> February 2015

#### A. SPECIFIC CONDITIONS:

Sr. 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 using for distillation by the project proponent and the coal is only use as fuel for boiler operation by the unit.
ii	Bag filter along with stack of adequate height shall be provided to Coal/rice husk fired boiler to control particular emission within 50mg/Nm <sup>3</sup> . At no time, the emission levels should go beyond the prescribed standard. 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.	ESP is there to control the particulate emission within 50 mg/Nm <sup>3</sup> from the coal fired boiler with adequate stack height. At no time emission will go beyond the prescribed standard, we are involved in the continuous monitoring system for emission. The test report is attached as <b>Annexure 1</b> . <b>Pictorial Evidence</b> is attached.
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	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,

	<p>&amp; conveyance of chemicals/ materials, 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 (WSPCB).</p>	<p>closed handling &amp; conveyance of chemicals/ 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.</p> <p>The test report is attached as <b>Annexure – 1</b>. <b>Pictorial Evidence</b> is 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.</p> <p>To ensure wet condition of roads, the water sprinkling system have been provided time to time 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.</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 WSPCB. The levels of PM<sub>2.5</sub>, PM<sub>10</sub>, NOX, CO and HC(Methane) in ambient</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 <b>Annexure 10</b>). The data are being monitored &amp; send to the regional office of MOEF, the respective Zonal office of CPCB and the WSPCB. The levels of all pollutants like PM<sub>2.5</sub>, PM<sub>10</sub>, NOX, CO</p>

	air shall be monitored and displayed at a convenient location near the main gate of the company and at important public places	and HC (Methane) in ambient air are being monitored and the display board being displayed at a convenient location near the main gate of the company is already installed. <b>Pictorial Evidence is attached.</b>
vii.	Total fresh water requirement from ground water source 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 by adopted 3R's. <b>See Annexure – 4.</b>
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 (ETP) and water quality of treated effluent shall meet the norms by CPCB/SPCB.	Spent wash generation have been maintained up to 5.8 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.
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	Online continuous monitoring of flow and pollutants in the treatment plant have already been installed to monitor by the project proponent. Online Data being displayed on CPCB server. See <b>Annexure</b>

	website or in public domain.	<b>11 and Annexure 12</b>
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 WSPCB.	Adequate numbers of ground water quality monitoring stations is already set up by providing piezometers around the project area. Sampling and trend analysis monitoring will be monitored on quarterly/six monthly basis and the reports have been submitted to SPCB and this Ministry. <b>Pictorial Evidence</b> is attached.
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.
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.
xv.	Fly ash shall be done 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	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, we are filling the own land directly after disposal

	to fly ash & dust shall be avoided.	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.  And 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.
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 out during some intervals.
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.	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. <b>See Annexure – 5.</b>
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 is 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.

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 developed over 33% of the total project area within plant as proposed. To maintain a healthy environment at plant we are trying to take good care of green belt. Selection of plant species have been as per the CPCB guidelines. <b>Pictorial Evidence is attached.</b>
xxi.	All the commitment made regarding issues raised during the Public Hearing/consultation meeting held on 11 <sup>th</sup> September, 2013 shall be satisfactory 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 given 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 prepared and submitted to the Ministry's Regional Office at Bhubaneswar. Implementation of such program shall be ensured accordingly in a time bound manner.	At least 5% of the total cost of the project had been earmarked towards the Enterprise Social Commitment based on locals need.
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	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



	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.	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.
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**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 modification 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.	There are no further expansion or modification carried out in the plant without prior approval of the Ministry.
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	The location of ambient air quality monitoring stations has been already decided and monitoring have been done periodically as attached.  We will ensure to install one station in the upwind and downwind direction as well as where maximum ground level

	ground level concentrations are anticipated.	concentrations are anticipated shortly for ambient air quality monitoring.
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).	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 <b>Annexure – 3.</b>
v.	The company shall harvest rainwater from the roof-top 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.	To conserve fresh water the company have made collection of rainwater from the roof-top of the buildings and the storm water drains through guard pond to use the same water for the process activities. <b>Pictorial Evidence</b> is attached.
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.
vii.	Usage of Personnel Protection Equipment by all employees/workers shall be ensured.	Personnel protective equipment has already 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	Training have been imparted to all employees on safety and health aspects of chemicals handling. The routine periodical medical examinations

	for all employees shall be undertaken on regular basis. Training to all employees on handling of chemical shall be imparted.	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 proceed in the project report submitted to the Ministry. All the recommendations made in the EIA/EMP 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.
xi.	The company shall undertake eco-developmental measures in the project area for the overall improvement of the environment.	The eco-development measures in order to improve the environment in the project area has already undertaken by the company.
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.
xiii.	The company shall earmark sufficient funds for recurring cost per annum to implement the conditions stipulated by the	Sufficient funds have been earmarked for recurring cost per annum to implement the conditions stipulated by the Ministry of

	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.	Environment and Forest as well as the State Government. The funds are earmarked for environment management/pollution control had 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 had 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. <a href="http://alpinedistilleries.co.in">alpinedistilleries.co.in</a>
xvi.	The environmental statement for each financial year ending 31 <sup>st</sup> March in Form-V as in mandated shall be submitted to the Gujarat Pollution Control Board as prescribed under the Environment	The environmental statement for each financial year ending 31 <sup>st</sup> March in Form – V have already submitted and it is already put on the website of the company.

	(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.	
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 <a href="http://envfor.nic.in">http://envfor.nic.in</a> . 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 same shall be forwarded to the concerned Regional Office of the Ministry.	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 <b>Annexure – 9</b> .
xviii.	The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the concerned authorities and the date of start of the project.	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 Consent to Establish and Consent to Operate are enclosed herewith in <b>Annexure – 6 and 7</b> , and EC is attached as <b>Annexure-8</b> .

## DATA INTERPRETATION

### 1. Ambient Air Quality Monitoring

Ambient air quality monitoring has been carried out in the March 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 <sub>2.5</sub> (µg/m <sup>3</sup> )	48.20	46.20	43.64
PM <sub>10</sub> (µg/m <sup>3</sup> )	81.64	74.58	74.26
SO <sub>2</sub> (µg/m <sup>3</sup> )	6.82	6.24	6.0
NO <sub>2</sub> (µg/m <sup>3</sup> )	31.78	28.80	29.12
CO (µg/m <sup>3</sup> )	0.23	0.18	0.12
Hydrocarbon (mg/m <sup>3</sup> )	2.30	1.20	1.80

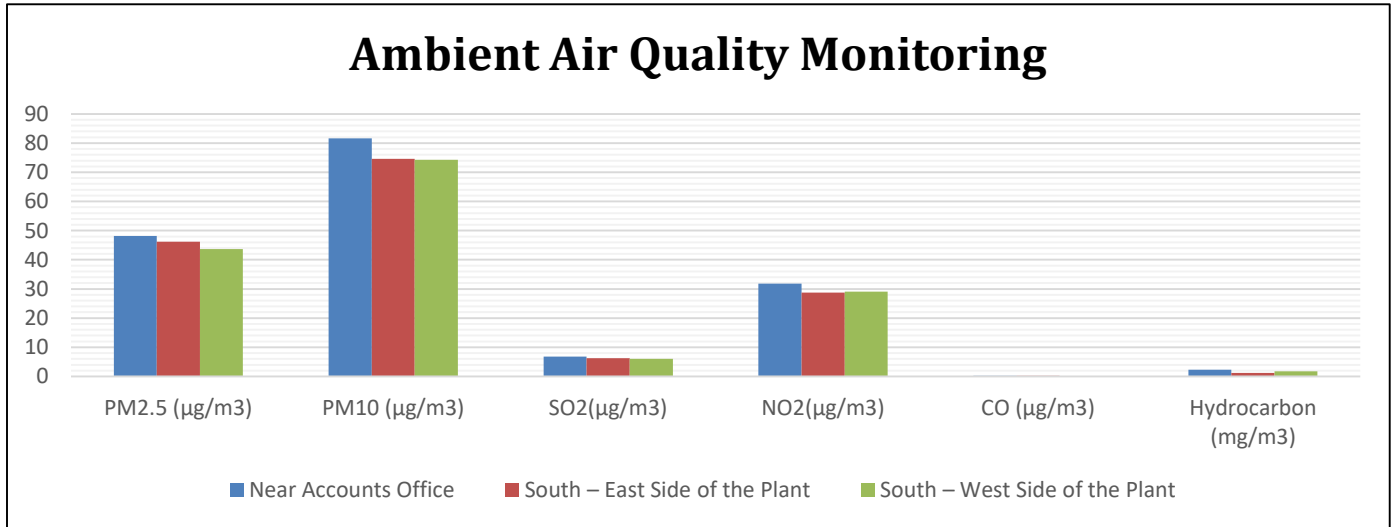
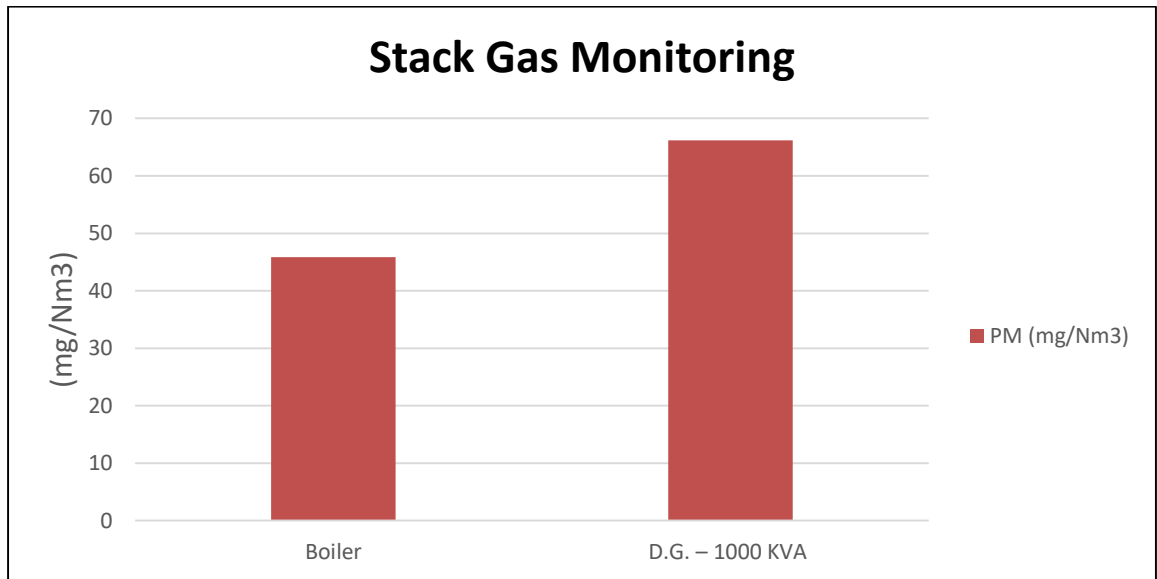


Figure 1 Graphical representation of Ambient Air quality

## 2. Stack Gas Analysis

The sample was taken on March, 2024.

<b>Location Name Parameters</b>	<b>Boiler</b>	<b>D.G. – 1000 KVA</b>
PM (mg/Nm <sup>3</sup> )	45.84	66.18

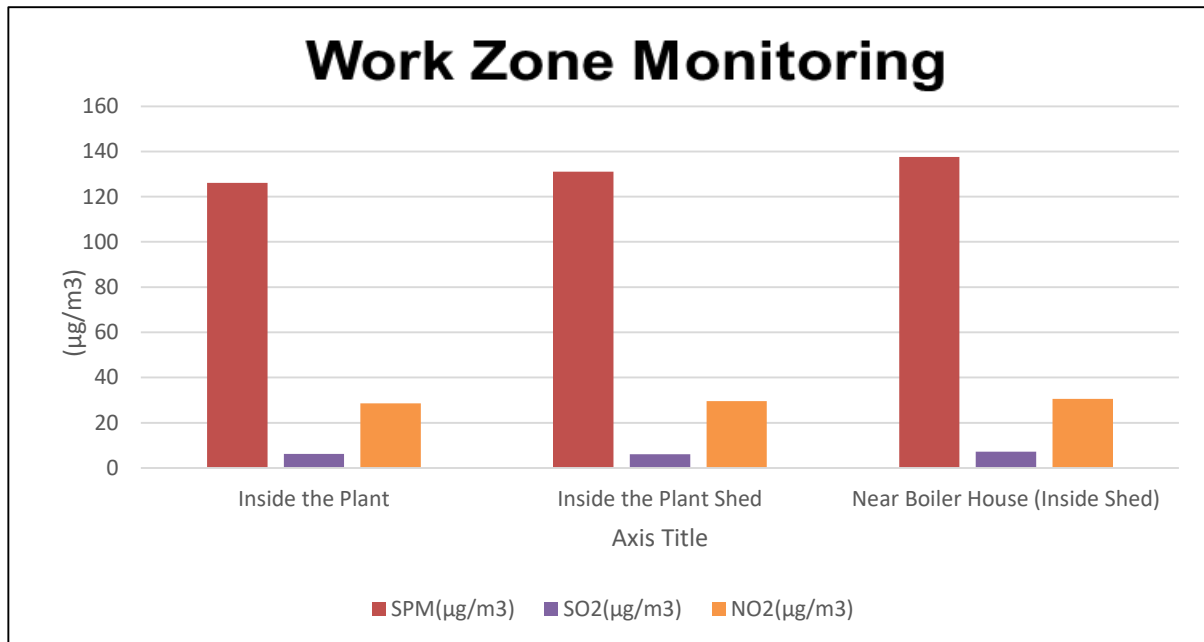


**Figure 2 Graphical representation of Stack Gas Monitoring**

### 3. Work Zone Air Quality Analysis

The sampling has been carried in 26<sup>th</sup> March, 2024.

Parameters	Inside the Plant	Inside the Plant Shed	Near Boiler House (Inside Shed)
SPM( $\mu\text{g}/\text{m}^3$ )	126.04	131.0	137.56
SO <sub>2</sub> ( $\mu\text{g}/\text{m}^3$ )	6.20	6.12	7.20
NO <sub>2</sub> ( $\mu\text{g}/\text{m}^3$ )	28.64	29.54	30.54



**Figure 3 Graphical representation of Work zone Monitoring**



#### 4. Effluent Water Quality Monitoring

Effluent water sampling date is 26<sup>th</sup> March 2024.

##### i. Domestic Effluent

Parameters	Results
pH value	6.05
Total Suspended Solids	133.0
Oil & Grease	<1.0
Chemical Oxygen Demand	4560.0
BOD [5 days, at 20 <sup>o</sup> C]	1515.0
Chloride	102.5

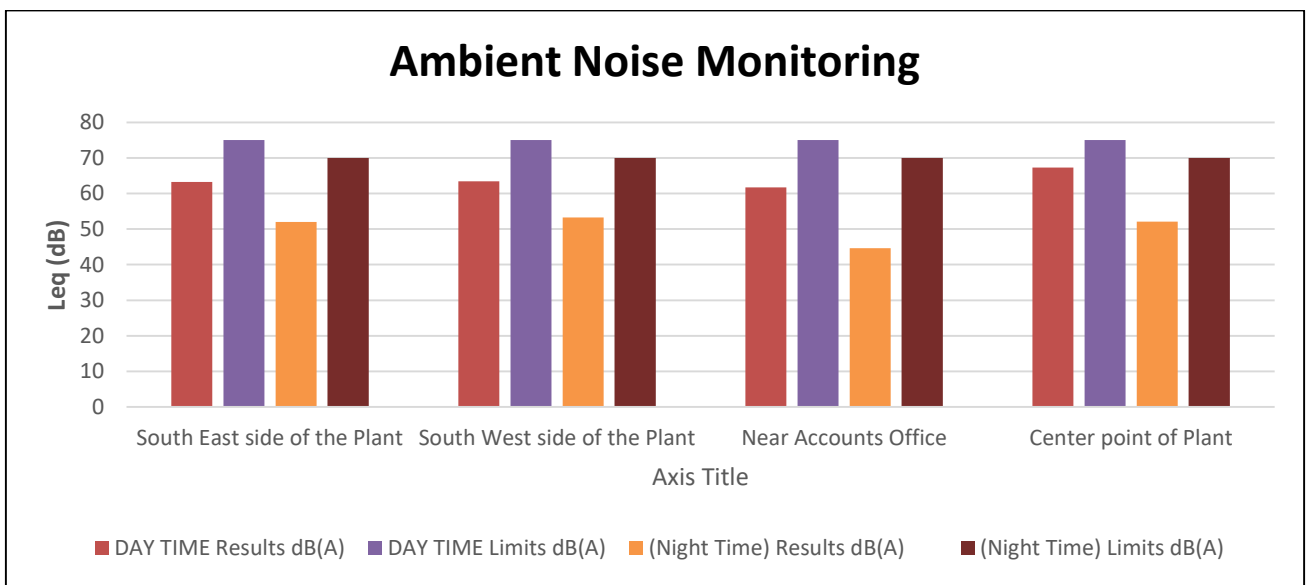
##### ii. E.T.P Outlet

Parameters	Results	Limit
pH value	7.14	5.5-9.0
Total Suspended Solids	31.0	100.0
Oil & Grease	<1.0	10.0
Chemical Oxygen Demand	76.5	250.0
BOD [5 days, at 20 <sup>o</sup> C]	20.0	30.0
Chloride	12.50	N.A.

## 5. Ambient Noise Monitoring

On 26<sup>th</sup> March, 2024 Noise sampling has been carried out

Location	DAY TIME		(Night Time)	
	Results dB(A)	Limits dB(A)	Results dB(A)	Limits
South East side of the Plant	63.22	75	51.99	70
South West side of the Plant	63.40	75	53.28	70
Near Accounts Office	61.71	75	44.63	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 26<sup>th</sup> March, 2024.

### i. Borewell – 1

SI No.	Parameters	Results
1.	pH value	7.02
2.	Total Suspended Solids	618.0
3.	Chloride	46.2
4.	Chemical Oxygen Demand	<5.0
5.	BOD [5 days at 20 <sup>0</sup> C]	<2.0
6.	Sulfate	41.6

### ii. Borewell – 2

SI No.	Parameters	Results
1.	pH value	6.91
2.	Total Suspended Solids	715.0
3.	Chloride	38.10
4.	Chemical Oxygen Demand	<5.0
5.	BOD [5 days at 20 <sup>0</sup> C]	<2.0
6.	Sulfate	32.4

iii. Borewell – 3

SI No.	Parameters	Results
1.	pH value	7.14
2.	Total Suspended Solids	718.0
3.	Chloride	45.2
4.	Chemical Oxygen Demand	<5.0
5.	BOD [5 days at 20°C]	<2.0
6.	Sulfate	37.10

iv. Mahanad Village (East Side)

SL. NO.	PARAMETERS	TEST METHOD	UNIT	RESULTS
1.	pH	4500 H <sup>+</sup> B APHA 23 <sup>rd</sup> Edition, 2017	-	6.75
2.	Total Dissolved Solids	APHA 23 <sup>rd</sup> Ed., 2450 C : 2017	mg/l	736.0
3.	Chloride	APHA 23 <sup>rd</sup> Ed., 4500 Cl-B/D : 2017	mg/l	51.7
4.	Chemical Oxygen Demand	5200 B/C/D APHA 23 <sup>rd</sup> Edition, 2017	mg/l	<5.0
5.	Biochemical Oxygen Demand for 5 days at 20°C	5210 B APHA 23 <sup>rd</sup> Edition, 2017	mg/l	<2.0
6.	Sulfate	APHA 23 <sup>rd</sup> Ed., 4500-SO <sub>4</sub> <sup>2-</sup> E : 2017	mg/l	48.6

v. Mahanad Village (North Side)

SL. NO.	PARAMETERS	TEST METHOD	UNIT	RESULTS
1.	pH	4500 H <sup>+</sup> B APHA 23 <sup>rd</sup> Edition, 2017	-	6.98
2.	Total Dissolved Solids	APHA 23 <sup>rd</sup> Ed., 2450 C : 2017	mg/l	715.0
3.	Chloride	APHA 23 <sup>rd</sup> Ed., 4500 Cl-B/D : 2017	mg/l	48.1
4.	Chemical Oxygen Demand	5200 B/C/D APHA 23 <sup>rd</sup> Edition, 2017	mg/l	<5.0
5.	Biochemical Oxygen Demand for 5 days at 20 <sup>o</sup> C	5210 B APHA 23 <sup>rd</sup> Edition, 2017	mg/l	<2.0
6.	Sulfate	APHA 23 <sup>rd</sup> Ed., 4500-SO <sub>4</sub> <sup>2-</sup> E : 2017	mg/l	40.7

vi.

**Mahanad Village (West Side)**

<b>SL. NO.</b>	<b>PARAMETERS</b>	<b>TEST METHOD</b>	<b>UNIT</b>	<b>RESULTS</b>
1.	pH	4500 H <sup>+</sup> B APHA 23 <sup>rd</sup> Edition, 2017	-	7.24
2.	Total Dissolved Solids	APHA 23 <sup>rd</sup> Ed., 2450 C : 2017	mg/l	695.0
3.	Chloride	APHA 23 <sup>rd</sup> Ed., 4500 Cl-B/D : 2017	mg/l	47.6
4.	Chemical Oxygen Demand	5200 B/C/D APHA 23 <sup>rd</sup> Edition, 2017	mg/l	<5.0
5.	Biochemical Oxygen Demand for 5 days at 20 <sup>o</sup> C	5210 B APHA 23 <sup>rd</sup> Edition, 2017	mg/l	<2.0
6.	Sulfate	APHA 23 <sup>rd</sup> Ed., 4500-SO <sub>4</sub> <sup>2-</sup> E : 2017	mg/l	39.6

# PICTORIAL EVIDENCE

# Green Belt





**Bag filter for Ash handling section**



**Bag filter for coal crushing section**



**Milling Bag filter**



**Display Board outside the Premise**



**Water sprinkling around the material Covered which is with Tarpaulin**



## Material Covered which is with Tarpaulin



## Pizzo Meter Indicator



# Rain Water Harvesting



# Health Check Up of Employees



# ESP Unit



# Approach Road



# **Annexure – 1**





# ENVIROCHECK

Recognised by MoEF&CC, WBPCB & JSPCB  
Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018



## TEST REPORT

FORMAT NO : ENV/FM/38

Name of the Industry	: Alpine Distilleries Pvt. Ltd.	Type of Industry	: Distillery		
Address	: Mahanad, Polba, Hooghly	Sampling Date	: 26.03.2024		
		Period of Analysis	: 27.03.2024 - 28.03.2024		
		Date of Issue	: 30.03.2024		
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/445/March/M/A/I	Report No.	: ENV/45/March/M/TR(A)/I/23-24

### A. GENERAL INFORMATION ABOUT STACK PROVIDED BY THE INDUSTRY

Stack Attached to	: Boiler		
Shape of Stack	: Circular	Height of Stack (mtr.) (from G. L.)	: 42.0
Materials of Construction	: Concrete	Stack I.D. at sampling point (mtr.)	: 1.25
Capacity	: 25 MT/hr. (Running - 18 MT/hr.)	Height of sampling port (mtr.) (from G.L.)	: 20.0
Emission Due to	: Combustion of Coal		
Fuel Used	: Coal	Permanent Platform & Ladder	: Yes
Working Fuel Consumption	: 05 MT/hr.		
Pollution Control Device	: E.S.P		

### B. RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS	LIMIT
1.	Flue Gas Temperature	°C	IS : 11255 (Part 1)	: 142.0	N.A.
2.	Barometric Pressure	mm of Hg.	--	: 756.0	N.A.
3.	Velocity of Gas flow	m/s	IS : 11255 (Part 3)	: 8.08	N.A.
4.	Quantity of Gas flow	Nm <sup>3</sup> /hr.	IS : 11255 (Part III)	: 25457.87	N.A.
5.	Concentration of SO <sub>2</sub> (at 6% O <sub>2</sub> )	mg/Nm <sup>3</sup>	IS 11255 (Part 2) : 2019	: 580.22	N.A.
6.	Concentration of NO <sub>x</sub> (at 6% O <sub>2</sub> )	mg/Nm <sup>3</sup>	IS 11255 (Part 7) : 2017 / ASTM D 1608-98, Sec. 11 (Vol. 11.07) : 2017	: 456.0	N.A.
7.	Concentration of CO <sub>2</sub>	% (v/v)	IS 13270 : 2019	: 8.2	N.A.
8.	Concentration of O <sub>2</sub> (by Orsat)	% (v/v)	EPA Method 3 : 2017	: 10.4	N.A.
9.	Concentration of CO	% (v/v)	IS 13270 : 2019	: <1.0	1.0
10.	a) Concentration of Particulate Matter	mg/Nm <sup>3</sup>	IS 11255 (Part - 1) : 2019 & ASTM D 3685/D 3685M-98 (reapproved 2005) : Sec. 11 (Vol.11.07) : 2017	: 32.40	N.A.
	b) Concentration of Particulate Matter (at 6% O <sub>2</sub> )			: 45.84	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*

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#### Authorised Signatory :

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 Overseas : UAE ■ Qatar ■ Netherlands



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## TEST REPORT

FORMAT NO : ENV/FM/38

Name of the Industry	: Alpine Distilleries Pvt. Ltd.	Type of Industry	: Distillery		
Address	: Mahanad, Polba, Hooghly	Sampling Date	: 26.03.2024		
		Period of Analysis	: 27.03.2024 - 28.03.2024		
		Date of Issue	: 30.03.2024		
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/445/March/M/A/II	Report No.	: ENV/45/March/M/TR(A)/II/23-24

### 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 liter./hr.		
Pollution Control Device	: Nil		

### B. RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS	LIMIT
1.	Flue Gas Temperature	°C	IS : 11255 (Part 1)	: 254.0	N.A.
2.	Barometric Pressure	mm of Hg.	--	: 756.0	N.A.
3.	Velocity of Gas flow	m/s	IS : 11255 (Part 3)	: 14.20	N.A.
4.	Quantity of Gas flow	Nm <sup>3</sup> /hr.	IS : 11255 (Part III)	: 507.40	N.A.
5.	Concentration of SO <sub>2</sub>	mg/Nm <sup>3</sup>	IS 11255 (Part 2) : 2019	: 14.62	N.A.
6.	Concentration of CO <sub>2</sub>	% (v/v)	IS 13270 : 2019	: 8.8	N.A.
7.	Concentration of CO	% (v/v)	IS 13270 : 2019	: <1.0	1.0
8.	Concentration of Particulate Matter	mg/Nm <sup>3</sup>	IS 11255 (Part - 1) : 2019 & ASTM D 3685/D 3685M-98 (reapproved 2005) : Sec. 11 (Vol.11.07) : 2017	: 66.18	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.

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## 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	: 26.03.2024 - 27.03.2024		
		Period of Analysis	: 27.03.2024 - 28.03.2024		
		Date of Issue	: 30.03.2024		
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/445/March/M/A/III	Report No.	: ENV/45/March/M/TR(A)/III/23-24

### 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) : 25.0
2. Average Relative Humidity (%) : 74.0
3. Barometric Pressure (mm of Hg) : 756.0
4. Smell or Odour : No Remarkable Smell
5. Weather Condition : Clear

### C] RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS	LIMIT
1.	Concentration of PM <sub>2.5</sub>	µg/m <sup>3</sup>	IS 5182 (Part 24) : 2019	48.20	60.0
2.	Concentration of PM <sub>10</sub>	µg/m <sup>3</sup>	IS 5182 (PART 23) : 2019	81.64	100.0
3.	Concentration of SO <sub>2</sub>	µg/m <sup>3</sup>	IS 5182 (Part 2) 2017 & ASTM D 2914-01, Sec. 11 (Vol. 11.07) : 2017	6.82	80.0
4.	Concentration of NO <sub>2</sub>	µg/m <sup>3</sup>	IS 5182 (Part 6) 2017 & ASTM D 1607-91 : Sec. 11 (Vol. 11.07) : 2018	31.78	80.0
5.	Concentration of CO	mg/m <sup>3</sup>	IS 5182 (Part 10) : 2019	0.23	2.0

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

#### Reviewed By :

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## 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	: 26.03.2024 - 27.03.2024		
		Period of Analysis	: 27.03.2024 - 28.03.2024		
		Date of Issue	: 30.03.2024		
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/445/March/M/A/III	Report No.	: ENV/45/March/M/TR(A)/III/23-24

### 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) : 25.0
2. Average Relative Humidity (%) : 74.0
3. Barometric Pressure (mm of Hg) : 756.0
4. Smell or Odour : No Remarkable Smell
5. Weather Condition : Clear

### C] RESULT

SL. NO.	PARAMETER	UNIT	METHOD NO.	RESULT	LIMIT
1.	Hydrocarbon	mg/m <sup>3</sup>	IS 5182 (Part XVII) 1979, RA 2003	2.30	N.A.

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

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## 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	: 26.03.2024 - 27.03.2024		
		Period of Analysis	: 27.03.2024 - 28.03.2024		
		Date of Issue	: 30.03.2024		
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/445/March/M/A/IV	Report No.	: ENV/45/March/M/TR(A)/IV/23-24

### A] GENERAL INFORMATION

1. Location of Sampling : South - West Side of the Plant
2. Duration of Sampling : 24 hrs. (10:30 a.m. - 10:30 a.m.)

### B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 25.0
2. Average Relative Humidity (%) : 74.0
3. Barometric Pressure (mm of Hg) : 756.0
4. Smell or Odour : No Remarkable Smell
5. Weather Condition : Clear

### C] RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS	LIMIT
1.	Concentration of PM <sub>2.5</sub>	µg/m <sup>3</sup>	IS 5182 (Part 24) : 2019	43.64	60.0
2.	Concentration of PM <sub>10</sub>	µg/m <sup>3</sup>	IS 5182 (PART 23) : 2019	74.26	100.0
3.	Concentration of SO <sub>2</sub>	µg/m <sup>3</sup>	IS 5182 (Part 2) 2017 & ASTM D 2914-01, Sec. 11 (Vol. 11.07) : 2017	6.0	80.0
4.	Concentration of NO <sub>2</sub>	µg/m <sup>3</sup>	IS 5182 (Part 6) 2017 & ASTM D 1607-91 : Sec. 11 (Vol. 11.07) : 2018	29.12	80.0
5.	Concentration of CO	mg/m <sup>3</sup>	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 18<sup>th</sup> November, 2009.  
: Result relates only to the sample tested.

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## 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	: 26.03.2024 - 27.03.2024		
		Period of Analysis	: 27.03.2024 - 28.03.2024		
		Date of Issue	: 30.03.2024		
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/445/March/M/A/IV	Report No.	: ENV/45/March/M/TR(A)/IV/23-24

### A] GENERAL INFORMATION

1. Location of Sampling : South - West Side of the Plant
2. Duration of Sampling : 24 hrs. (10:30 a.m. - 10:30 a.m.)

### B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 25.0
2. Average Relative Humidity (%) : 74.0
3. Barometric Pressure (mm of Hg) : 756.0
4. Smell or Odour : No Remarkable Smell
5. Weather Condition : Clear

### C] RESULT

SL. NO.	PARAMETER	UNIT	METHOD NO.	RESULT	LIMIT
1.	Hydrocarbon	mg/m <sup>3</sup>	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 :

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## 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	: 26.03.2024 - 27.03.2024		
		Period of Analysis	: 27.03.2024 - 28.03.2024		
		Date of Issue	: 30.03.2024		
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/445/March/M/A/V	Report No.	: ENV/45/March/M/TR(A)/V/23-24

### A] GENERAL INFORMATION

1. Location of Sampling : South - East Side of the Plant
2. Duration of Sampling : 24 hrs. (11:00 a.m. - 11:00 a.m.)

### B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 26.0
2. Average Relative Humidity (%) : 74.0
3. Barometric Pressure (mm of Hg) : 756.0
4. Smell or Odour : No Remarkable Smell
5. Weather Condition : Clear

### C] RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS	LIMIT
1.	Concentration of PM <sub>2.5</sub>	µg/m <sup>3</sup>	IS 5182 (Part 24) : 2019	46.20	60.0
2.	Concentration of PM <sub>10</sub>	µg/m <sup>3</sup>	IS 5182 (PART 23) : 2019	74.58	100.0
3.	Concentration of SO <sub>2</sub>	µg/m <sup>3</sup>	IS 5182 (Part 2) 2017 & ASTM D 2914-01, Sec. 11 (Vol. 11.07) : 2017	6.24	80.0
4.	Concentration of NO <sub>2</sub>	µg/m <sup>3</sup>	IS 5182 (Part 6) 2017 & ASTM D 1607-91 : Sec. 11 (Vol. 11.07) : 2018	28.80	80.0
5.	Concentration of CO	mg/m <sup>3</sup>	IS 5182 (Part 10) : 2019	0.18	2.0

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

#### Reviewed By :

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## 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	: 26.03.2024 - 27.03.2024		
		Period of Analysis	: 27.03.2024 - 28.03.2024		
		Date of Issue	: 30.03.2024		
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/445/March/M/A/V	Report No.	: ENV/45/March/M/TR(A)/V/23-24

### A] GENERAL INFORMATION

1. Location of Sampling : South - East Side of the Plant
2. Duration of Sampling : 24 hrs. (11:00 a.m. - 11:00 a.m.)

### B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 26.0
2. Average Relative Humidity (%) : 74.0
3. Barometric Pressure (mm of Hg) : 756.0
4. Smell or Odour : No Remarkable Smell
5. Weather Condition : Clear

### C] RESULT

SL. NO.	PARAMETER	UNIT	METHOD NO.	RESULT	LIMIT
1.	Hydrocarbon	mg/m <sup>3</sup>	IS 5182 (Part XVII) 1979, RA 2003	1.20	N.A.

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

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# ENVIROCHECK

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## 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	: 26.03.2024		
		Period of Analysis	: 27.03.2024 - 28.03.2024		
		Date of Issue	: 30.03.2024		
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/445/March/M/A/VI	Report No.	: ENV/45/March/M/TR(A)/VI/23-24

### A] GENERAL INFORMATION

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

### B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 27.0
2. Average Relative Humidity (%) : 76.0
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/m <sup>3</sup>	IS 5182 (Part 4) : 2019	126.04	5000.0

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

#### Reviewed By :

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Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018



## 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	: 26.03.2024		
		Period of Analysis	: 27.03.2024 - 28.03.2024		
		Date of Issue	: 30.03.2024		
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/445/March/M/A/VI	Report No.	: ENV/45/March/M/TR(A)/VI/23-24

### A] GENERAL INFORMATION

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

### B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 27.0
2. Average Relative Humidity (%) : 76.0
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 <sub>2</sub>	µg/m <sup>3</sup>	IS 5182 (Part 2) 2017 & ASTM D 2914-01, Sec. 11 (Vol. 11.07) : 2017	6.20	N.A.
2.	Concentration of NO <sub>2</sub>	µg/m <sup>3</sup>	IS 5182 (Part 6) 2017 & ASTM D 1607-91 : Sec. 11 (Vol. 11.07) : 2018	28.64	N.A.

Remarks : N.A. means Not Available.

#### Reviewed By :

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#### Authorised Signatory :

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# ENVIROCHECK

Recognised by MoEF&CC, WBPCB & JSPCB  
Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018



## 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	: 26.03.2024		
		Period of Analysis	: 27.03.2024 - 28.03.2024		
		Date of Issue	: 30.03.2024		
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/445/March/M/A/VII	Report No.	: ENV/45/March/M/TR(A)/VII/23-24

### A] GENERAL INFORMATION

1. Location of Sampling : Inside the Plant Shed
2. Duration of Sampling : 08 hrs. (10:20 a.m. - 06:20 p.m.)

### B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 28.0
2. Average Relative Humidity (%) : 78.0
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/m <sup>3</sup>	IS 5182 (Part 4) : 2019	131.0	5000.0

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

Reviewed By :

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# ENVIROCHECK

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Accredited by NABL (ISO/IEC 17025:2017)  
Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018



## 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	: 26.03.2024		
		Period of Analysis	: 27.03.2024 - 28.03.2024		
		Date of Issue	: 30.03.2024		
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/445/March/M/A/VII	Report No.	: ENV/45/March/M/TR(A)/VII/23-24

### A] GENERAL INFORMATION

1. Location of Sampling : Inside the Plant Shed
2. Duration of Sampling : 08 hrs. (10:20 a.m. - 06:20 p.m.)

### B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 28.0
2. Average Relative Humidity (%) : 78.0
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 <sub>2</sub>	µg/m <sup>3</sup>	IS 5182 (Part 2) 2017 & ASTM D 2914-01, Sec. 11 (Vol. 11.07) : 2017	6.12	N.A.
2.	Concentration of NO <sub>2</sub>	µg/m <sup>3</sup>	IS 5182 (Part 6) 2017 & ASTM D 1607-91 : Sec. 11 (Vol. 11.07) : 2018	29.54	N.A.

Remarks : N.A. means Not Available.

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# ENVIROCHECK

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Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018



## 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	: 26.03.2024		
		Period of Analysis	: 27.03.2024 - 28.03.2024		
		Date of Issue	: 30.03.2024		
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/445/March/M/A/VIII	Report No.	: ENV/45/March/M/TR(A)/VIII/23-24

### A] GENERAL INFORMATION

1. Location of Sampling : Near Boiler House (Inside Plant)
2. Duration of Sampling : 08 hrs. (10:25 a.m. - 06:25 p.m.)

### B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 26.0
2. Average Relative Humidity (%) : 74.0
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/m <sup>3</sup>	IS 5182 (Part 4) : 2019	137.56	5000.0

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

#### Reviewed By :

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Dy. Technical Manager, Chemical

#### Authorised Signatory :

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# ENVIROCHECK

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Accredited by NABL (ISO/IEC 17025:2017)  
Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018



## 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	: 26.03.2024		
		Period of Analysis	: 27.03.2024 - 28.03.2024		
		Date of Issue	: 30.03.2024		
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/445/March/M/A/VIII	Report No.	: ENV/45/March/M/TR(A)/VIII/23-24

### A] GENERAL INFORMATION

1. Location of Sampling : Near Boiler House (Inside Plant)
2. Duration of Sampling : 08 hrs. (10:25 a.m. - 06:25 p.m.)

### B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 26.0
2. Average Relative Humidity (%) : 74.0
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 <sub>2</sub>	µg/m <sup>3</sup>	IS 5182 (Part 2) 2017 & ASTM D 2914-01, Sec. 11 (Vol. 11.07) : 2017	7.20	N.A.
2.	Concentration of NO <sub>2</sub>	µg/m <sup>3</sup>	IS 5182 (Part 6) 2017 & ASTM D 1607-91 : Sec. 11 (Vol. 11.07) : 2018	30.54	N.A.

Remarks : N.A. means Not Available.

#### Reviewed By :

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<End of Report>

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# **Annexure – 2**



# ENVIROCHECK

Recognised by MoEF&CC, WBPCB & JSPCB  
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**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	:	26.03.2024			
	Period of Analysis		:	26.03.2024 – 01.04.2024				
	Date of Issue		:	02.04.2024				
Sampling Plan & Procedure	:	ENV/SOP/01	Deviation from the Sampling Method and Plan	:	No	Type of Sample	:	Effluent Water (Grab)
Location	:	E.T.P Inlet	Sample Condition	:	Sealed	Sample ID No.	:	ENV/733/March/M/W/I
Report No	:	ENV/733/March/M/TR(W)/1/23-24						

SL. NO.	PARAMETERS	TEST METHOD	UNIT	RESULTS
1.	pH	4500 H*B APHA 23 <sup>rd</sup> Edition, 2017	-	6.05
2.	Total Suspended Solids	2540 D APHA 23 <sup>rd</sup> Edition, 2017	mg/l	133.0
3.	Oil & Grease	5520 B/D APHA 23 <sup>rd</sup> Edition, 2017	mg/l	<1.0
4.	Chemical Oxygen Demand	5200 B/C/D APHA 23 <sup>rd</sup> Edition, 2017	mg/l	4560.0
5.	Biochemical Oxygen Demand for 5 days at 20°C	5210 B APHA 23 <sup>rd</sup> Edition, 2017	mg/l	1515.0
6.	Chloride	APHA 23 <sup>rd</sup> Edition, 4500 CI-B/D: 2017	mg/l	102.5

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 :

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# ENVIROCHECK

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**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	: 26.03.2024		
		Period of Analysis	: 26.03.2024 – 01.04.2024		
		Date of Issue	: 02.04.2024		
Sampling Plan & Procedure	: ENV/SOP/01	Deviation from the Sampling Method and Plan	: No	Type of Sample	: Effluent Water (Grab)
Location	: E.T.P Outlet	Sample Condition	: Sealed	Sample ID No.	: ENV/733/March/M/W/II
Report No	: ENV/733/March/M/TR(W)/II/23-24				

SL. NO.	PARAMETERS	TEST METHOD	UNIT	RESULTS	LIMIT
1.	pH	4500 H+B APHA 23 <sup>rd</sup> Edition, 2017	-	7.14	5.5-9.0
2.	Total Suspended Solids	2540 D APHA 23 <sup>rd</sup> Edition, 2017	mg/l	31.0	100.0
3.	Oil & Grease	5520 B/D APHA 23 <sup>rd</sup> Edition, 2017	mg/l	<1.0	10.0
4.	Chemical Oxygen Demand	5200 B/C/D APHA 23 <sup>rd</sup> Edition, 2017	mg/l	76.5	250.0
5.	Biochemical Oxygen Demand for 5 days at 20°C	5210 B APHA 23 <sup>rd</sup> Edition, 2017	mg/l	20.0	30.0
6.	Chloride	APHA 23 <sup>rd</sup> Edition, 4500 Cl-B/D: 2017	mg/l	12.50	N.A.

**Remarks :** a) 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.

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**<End of Report>**



# ENVIROCHECK

Recognised by MoEF&CC, WBPCB & JSPCB  
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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	: 26.03.2024		
		Period of Analysis	: 26.03.2024 - 01.04.2024		
		Date of Issue	: 02.04.2024		
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	Report No.	: ENV/733B/March/TR(W)/M(i)/23-24

SL. NO.	PARAMETERS	TEST METHOD	UNIT	RESULTS
1.	pH	4500 H <sup>+</sup> B APHA 23 <sup>rd</sup> Edition, 2017	-	7.02
2.	Total Dissolved Solids	APHA 23 <sup>rd</sup> Ed., 2450 C : 2017	mg/l	618.0
3.	Chloride	APHA 23 <sup>rd</sup> Ed., 4500 Cl-B/D : 2017	mg/l	46.2
4.	Chemical Oxygen Demand	5200 B/C/D APHA 23 <sup>rd</sup> Edition, 2017	mg/l	<5.0
5.	Biochemical Oxygen Demand for 5 days at 20°C	5210 B APHA 23 <sup>rd</sup> Edition, 2017	mg/l	<2.0
6.	Sulfate	APHA 23 <sup>rd</sup> Ed., 4500-SO <sub>4</sub> <sup>2-</sup> E : 2017	mg/l	41.6

Remarks : Result relates only to the sample tested.

Reviewed By :

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**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	: 26.03.2024		
		Period of Analysis	: 26.03.2024 - 01.04.2024		
		Date of Issue	: 02.04.2024		
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	Report No.	: ENV/733B/March/TR(W)/M(ii)/23-24

SL. NO.	PARAMETERS	TEST METHOD	UNIT	RESULTS
1.	pH	4500 H+B APHA 23 <sup>rd</sup> Edition, 2017	-	6.91
2.	Total Dissolved Solids	APHA 23 <sup>rd</sup> Ed., 2450 C : 2017	mg/l	715.0
3.	Chloride	APHA 23 <sup>rd</sup> Ed., 4500 Cl-B/D : 2017	mg/l	38.10
4.	Chemical Oxygen Demand	5200 B/C/D APHA 23 <sup>rd</sup> Edition, 2017	mg/l	<5.0
5.	Biochemical Oxygen Demand for 5 days at 20°C	5210 B APHA 23 <sup>rd</sup> Edition, 2017	mg/l	<2.0
6.	Sulfate	APHA 23 <sup>rd</sup> Ed., 4500-SO <sub>4</sub> <sup>2-</sup> E : 2017	mg/l	32.4

**Remarks : Result relates only to the sample tested.**

**Reviewed By :**

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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	: 26.03.2024		
		Period of Analysis	: 26.03.2024 - 01.04.2024		
		Date of Issue	: 02.04.2024		
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	Report No.	: ENV/733B/March/TR(W)/M(iii)/23-24

SL. NO.	PARAMETERS	TEST METHOD	UNIT	RESULTS
1.	pH	4500 H <sup>+</sup> B APHA 23 <sup>rd</sup> Edition, 2017	-	7.14
2.	Total Dissolved Solids	APHA 23 <sup>rd</sup> Ed., 2450 C : 2017	mg/l	718.0
3.	Chloride	APHA 23 <sup>rd</sup> Ed., 4500 Cl-B/D : 2017	mg/l	45.2
4.	Chemical Oxygen Demand	5200 B/C/D APHA 23 <sup>rd</sup> Edition, 2017	mg/l	<5.0
5.	Biochemical Oxygen Demand for 5 days at 20°C	5210 B APHA 23 <sup>rd</sup> Edition, 2017	mg/l	<2.0
6.	Sulfate	APHA 23 <sup>rd</sup> Ed., 4500-SO <sub>4</sub> <sup>2-</sup> E : 2017	mg/l	37.10

Remarks : Result relates only to the sample tested.

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Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018



**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	: 26.03.2024		
		Period of Analysis	: 26.03.2024 - 01.04.2024		
		Date of Issue	: 02.04.2024		
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	Report No.	: ENV/733B/March/TR(W)/M(iv)/23-24

SL. NO.	PARAMETERS	TEST METHOD	UNIT	RESULTS
1.	pH	4500 H+B APHA 23 <sup>rd</sup> Edition, 2017	-	6.75
2.	Total Dissolved Solids	APHA 23 <sup>rd</sup> Ed., 2450 C : 2017	mg/l	736.0
3.	Chloride	APHA 23 <sup>rd</sup> Ed., 4500 Cl-B/D : 2017	mg/l	51.7
4.	Chemical Oxygen Demand	5200 B/C/D APHA 23 <sup>rd</sup> Edition, 2017	mg/l	<5.0
5.	Biochemical Oxygen Demand for 5 days at 20°C	5210 B APHA 23 <sup>rd</sup> Edition, 2017	mg/l	<2.0
6.	Sulfate	APHA 23 <sup>rd</sup> Ed., 4500-SO <sub>4</sub> <sup>2-</sup> E : 2017	mg/l	48.6

**Remarks : Result relates only to the sample tested.**

**Reviewed By :**

*Indrani Bhattacharya*

INDRANI BHATTACHARYA  
Dy. Technical Manager, Chemical

**Authorised Signatory :**

*Dr. Sumit Chowdhury*

Dr. SUMIT CHOWDHURY  
Technical Manager

H.O. : 63/B, Rastraguru Avenue, Kolkata -700028 ■ Ph. 033 25792891/ 25497490 ■ Fax : 033 25299141  
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Branch Office : Siliguri ■ Haldia ■ Durgapur ■ Dhanbad ■ Gangtok ■ Port Blair ■ Dehradun ■ New Delhi  
Overseas : UAE ■ Qatar ■ Netherlands



# ENVIROCHECK

Recognised by MoEF&CC, WBPCB & JSPCB  
Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018



**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	: 26.03.2024		
		Period of Analysis	: 26.03.2024 - 01.04.2024		
		Date of Issue	: 02.04.2024		
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	Report No.	: ENV/733B/March/TR(W)/M(v)/23-24

SL. NO.	PARAMETERS	TEST METHOD	UNIT	RESULTS
1.	pH	4500 H*B APHA 23 <sup>rd</sup> Edition, 2017	-	6.98
2.	Total Dissolved Solids	APHA 23 <sup>rd</sup> Ed., 2450 C : 2017	mg/l	715.0
3.	Chloride	APHA 23 <sup>rd</sup> Ed., 4500 Cl-B/D : 2017	mg/l	48.1
4.	Chemical Oxygen Demand	5200 B/C/D APHA 23 <sup>rd</sup> Edition, 2017	mg/l	<5.0
5.	Biochemical Oxygen Demand for 5 days at 20°C	5210 B APHA 23 <sup>rd</sup> Edition, 2017	mg/l	<2.0
6.	Sulfate	APHA 23 <sup>rd</sup> Ed., 4500-SO <sub>4</sub> <sup>2-</sup> E : 2017	mg/l	40.7

**Remarks : Result relates only to the sample tested.**

**Reviewed By :**

*Indrani Bhattacharya*

INDRANI BHATTACHARYA  
Dy. Technical Manager, Chemical

**Authorised Signatory :**

*Dr. Sumit Chowdhury*

Dr. SUMIT CHOWDHURY  
Technical Manager

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E-mail : 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



# ENVIROCHECK

Recognised by MoEF&CC, WBPCB & JSPCB  
Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018



**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	: 26.03.2024
		Period of Analysis	: 26.03.2024 - 01.04.2024
		Date of Issue	: 02.04.2024
Sampling Plan & Procedure	: ENV/SOP/01	Deviation from the Sampling Method and Plan	: No
Location	: Mahanad Village (West Side)	Sample Condition	: Sealed
Report No.	: ENV/733B/March/TR(W)/M(vi)/23-24		

SL. NO.	PARAMETERS	TEST METHOD	UNIT	RESULTS
1.	pH	4500 H <sup>+</sup> B APHA 23 <sup>rd</sup> Edition, 2017	-	7.24
2.	Total Dissolved Solids	APHA 23 <sup>rd</sup> Ed., 2450 C : 2017	mg/l	695.0
3.	Chloride	APHA 23 <sup>rd</sup> Ed., 4500 Cl-B/D : 2017	mg/l	47.6
4.	Chemical Oxygen Demand	5200 B/C/D APHA 23 <sup>rd</sup> Edition, 2017	mg/l	<5.0
5.	Biochemical Oxygen Demand for 5 days at 20°C	5210 B APHA 23 <sup>rd</sup> Edition, 2017	mg/l	<2.0
6.	Sulfate	APHA 23 <sup>rd</sup> Ed., 4500-SO <sub>4</sub> <sup>2-</sup> E : 2017	mg/l	39.6

**Remarks : 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>

H.O. : 63/B, Rastraguru Avenue, Kolkata -700028 ■ Ph. 033 25792891/ 25497490 ■ Fax : 033 25299141  
 Laboratory : 189, 190 & 192, Rastraguru Avenue, Kolkata -700028 ■ Ph. 033 25792889  
 E-mail : 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 – 3**



# 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



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/446/M	Report ID	:	ENV/446/M/(TR)N/23-24
• Date of Study	:	26/03/2024	Reporting Date	:	29/03/2024
• Method No.	:	IS 15575 (Part 2), 2022	Time of Duration of Noise	:	20 Minutes
• Sample Monitored by	:	Mr. Sujay Dasgupta	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 <sub>eq</sub> dB (A)	Limit in LeqdB(A)
		60.4	61.2	61.4	60.8	62.2	63.8	62.2	61.8	60.5	61.7					
1.	Near Accounts Office	60.4	61.2	61.4	60.8	62.2	63.8	62.2	61.8	60.5	61.7	11:00 – 11:20 A.M (Day Time)	60.4	63.8	61.71	A. Industrial Area (Day Time – 75.0) (Night Time – 70.0)
2.	Near Accounts Office	43.5	46.4	42.2	41.8	42.7	41.5	42.6	43.2	48.8	46.5	10:00 – 10:20 P.M (Night Time)	41.5	48.8	44.63	
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	B. Commercial Area (Day Time – 65.0) (Night Time – 55.0)
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	62.2	62.4	63.8	61.7	62.5	64.4	64.8	63.2	62.8	63.4	1:00 – 1:20 P.M (Day Time)	61.7	64.8	63.22	C. Residential Area (Day Time – 55.0) (Night Time – 45.0)
6.	South East Side of the Plant	50.2	51.4	52.0	52.2	51.8	50.8	51.0	53.4	52.8	53.2	11:00 – 11:20 P.M (Night Time)	50.2	53.4	51.99	
7.	South West Side of the Plant	63.3	62.4	63.6	62.8	63.4	64.4	63.8	62.2	63.6	64.0	2:00 – 2:20 P.M (Day Time)	62.2	64.4	63.40	
8.	South West Side of the Plant	52.2	50.4	50.8	51.6	52.2	56.4	54.4	52.8	53.6	54.6	11:30 – 11:50 P.M (Night Time)	50.4	56.4	53.28	D. Silent Zone (Day Time – 50.0) (Night Time – 40.0)

> End of Report <

\*\*Remarks : Result relates only to the Sample Tested

** Mean of Leq - 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	**Night Time is reckoned in between
	6:00 A.M & 10:00 P.M	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 : IIAF ▪ Qatar ▪ Netherlands

# **Annexure – 4**

# FORM 4

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

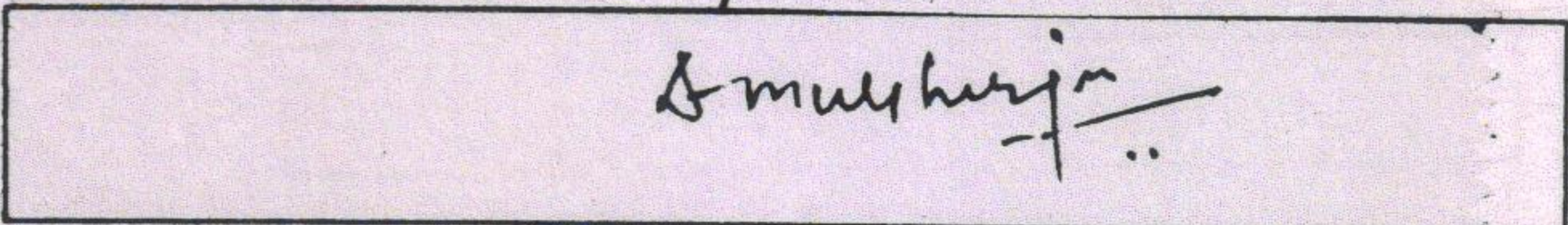
000891

(EMBLEM OR HOLOGRAM OF THE CONCERNED AUTHORITY)

## 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. F/140010000000011105TSE

1. (a) Name of the applicant (user) : Shri/Smt. Alpine Distilleries Pvt. Ltd.
- (b) Son/Daughter of : N.A
- (c) Address of the applicant : Vill: Mahanad P.O. Mahanad
- (d) Category of farmer (Please tick) (in case of irrigation well) : Small Farmer / Marginal Farmer / Others
- (e) Serial No. of application Form and date of submission : 024, 29.10.10.
- (f) Specimen signature of the user : 
2. Location particulars---
  - (a) District : Hooquly
  - (b) Block, Mouza, J. L. No., Plot No. : Polba-dadpur, Nagarpura
  - (c) Municipality / Corporation : I, 111
  - Ward No. / Borough No., Holding No. :
3. Particulars of the proposed well and pumping device---
  - (a) Type of the well : Tube Well
  - (b) Approx. depth of the well (m) : 140 (M)
  - (c) Purpose of the well : Irrigation Industry
  - (d) Assembly size (for tube well) : 150 mm. X 50 mm.
  - (e) Approx. strainer length (for tube well) : m.
  - (f) Diameter (for dug well) : m.
  - (g) Type of pump to be used : Submersible
  - (h) H. P. of the pump : 3.5
  - (i) Operational device : Electric
  - (j) Rate of withdrawal (m<sup>3</sup>/hr.) : 50
  - (k) Maximum allowable running hours per day : 4

This permit authorizes the owner applicant (user) to sink a well in the location specified at S1. (2) for extraction of ground water at a rate not exceeding that as shown at S1. (3) (j) and for running hours / day as shown at S1. (3) (K), and is valid subject to the observance of the conditions stated overleaf.

Place : Chinsurah

Date : 22-12-10

Member Secretary  
Monthly District Level  
Office  
SEAL  
Water Resources  
Department  
Chinsurah

Chandana D.  
Signature of the Issuing Authority  
and Designation.

### Conditions :

- (1) In case of any change of ownership of the proposed well, fresh registration has to be obtained.
- (2) No change of location, design, rate of withdrawal and pumping device in respect of the proposed well as indicated at S1. (2) and (3) of this certificate shall be made without prior permission of the Competent Authority. Any deviation in this regard shall lead to cancellation of this permit.
- (3) In case, any of the particulars / information furnished by the applicant in his application for issuance of this permit is found to be incorrect during verification at any subsequent stage, this permit is liable for cancellation.
- (4) Any other condition imposed by the concerned Authority.

Member Secretary  
Monthly District Level  
Office  
SEAL  
Water Resources  
Department  
Chinsurah

CERTIFIED  
TRUE COPY

For ALPINE DISTILLERIES PVT. LTD.  
Smulherja  
Director

# **Annexure – 5**



# Employees' State Insurance Corporation

Contribution History Of 41410508050011002 for Mar2024

Total IP Contribution		Total Employer Contribution		Total Contribution	Total Government Contribution		Total Monthly Wages
12,737.00		54,849.00		67,586.00	0.00		1,687,640.00
SNo.	Is Disable	IP Number	IP Name	No. Of Days	Total Wages	IP Contribution	Reason
1	-	4118839308	RAKESH KUMAR PANDIT	29	11283.00	85.00	-
2	-	4118192517	TAMAL ROY	31	20373.00	153.00	-
3	-	4118840607	SUNIL SAHANI	22	12231.00	92.00	-
4	-	4117678800	PRADIPTA PAL	31	10913.00	82.00	-
5	-	4118065350	DIPANJAN DATTA	31	18641.00	140.00	-
6	-	4118115054	PRAYAG KUMAR YADAV	31	19732.00	148.00	-
7	-	4118518911	ROHIT KUMAR OJHA	31	12626.00	95.00	-
8	-	4118839507	SADANAND	26	17248.00	130.00	-
9	-	4118234628	SUKDEB PATRA	31	20507.00	154.00	-
10	-	4118071533	SANTOSH THAKUR	12	6983.00	53.00	-
11	-	4118840551	SANTOSH YADAV	27	16153.00	122.00	-
12	-	4117945464	SUJAN DAS	31	11162.00	84.00	-
13	-	4118840527	INDRAJIT YADAV	31	10587.00	80.00	-
14	-	4118840768	RANJEET KUMAR THAKUR	29	11274.00	85.00	-
15	-	4118518741	GOBINDA GHOSH	31	12501.00	94.00	-
16	-	4118192690	SOUREN DUTTA	31	12501.00	94.00	-
17	-	4115924103	PRAMOD SAH	31	19053.00	143.00	-
18	-	4118193196	KARTIK SARKAR	31	12501.00	94.00	-

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SNo.	Is Disable	IP Number	IP Name	No. Of Days	Total Wages	IP Contribution	Reason
19	-	4118190923	SOUVIK KHANRA	31	12501.00	94.00	-
20	-	4118027720	SARBAJIT NAYEK	31	14864.00	112.00	-
21	-	4020230125	SUKAMAL BISWAS	31	20515.00	154.00	-
22	-	4115433643	SUBRATA DAS	31	18297.00	138.00	-
23	-	4020756461	BIBHAS GIRI	31	20990.00	158.00	-
24	-	4116029382	SOURENDRANATH JASU	31	14280.00	108.00	-
25	-	4118065320	ROUF MALLICK	31	18556.00	140.00	-
26	-	4118840389	RAMESH GHORUI	31	19273.00	145.00	-
27	-	4118840411	SANJAY KUMAR	31	15916.00	120.00	-
28	-	4117642762	RAKA DUTTA	31	10674.00	81.00	-
29	-	4118046860	PIJUSH SANTRA	31	10674.00	81.00	-
30	-	4117644020	TOTON MONDAL	31	10674.00	81.00	-
31	-	4117746029	SUMAN ROY	31	10674.00	81.00	-
32	-	4118978405	PARAS VARMA	31	19720.00	148.00	-
33	-	4117643414	BASUDEB CHOUDHURY	31	12174.00	92.00	-
34	-	4118240667	PRASHANTA BAULDAS	31	10674.00	81.00	-
35	-	4118981993	ABHISHEK KUMAR YADAV	0	0.00	0.00	Left Service
36	-	4119230667	DHARAMVEER	31	17720.00	133.00	-
37	-	4119230734	RAHUL KUMAR	22	6801.00	51.00	-
38	-	4118154780	SURAJIT DUTTA	31	11532.00	87.00	-
39	-	4119230775	SATENDAR KUMAR GOND	31	17181.00	129.00	-
40	-	4119448663	TUSHAR SHARMA	31	12019.00	91.00	-
41	-	4117643471	Saugata Patra	31	11071.00	84.00	-
42	-	4117643384	SUKUMAR ROY	31	11071.00	84.00	-
43	-	4116479876	CHHOTU DOM	31	10110.00	76.00	-
44	-	4118024026	JAYANTA KHAN	31	11071.00	84.00	-
45	-	4021033407	KRISHNENDU PAL	31	15204.00	115.00	-
46	-	4115433614	BISWAJIT SADHUKHAN	0	0.00	0.00	Left Service

11:02:49AM

SNo.	Is Disable	IP Number	IP Name	No. Of Days	Total Wages	IP Contribution	Reason
47	-	4115043172	TAPAS DAS	31	11837.00	89.00	-
48	-	4114660135	RUPATAN TUDU	31	13220.00	100.00	-
49	-	4114817794	KARTICK HORIJAN	29	10647.00	80.00	-
50	-	4116751176	DEBNATH MURMU	31	8990.00	68.00	-
51	-	4116663515	MANJOY BAULDAS	29	9276.00	70.00	-
52	-	4117241402	SIDHURAM HANSDA	31	10327.00	78.00	-
53	-	4115434211	shashi bhushan kumar	27	16277.00	123.00	-
54	-	4114255665	DAROGA PASWAN	29	17467.00	131.00	-
55	-	4118885689	JITENDRA KUMAR	31	16848.00	127.00	-
56	-	4112737793	BHAJAN PASWAN	29	16943.00	128.00	-
57	-	4116481476	ROHIT KUMAR	31	16038.00	121.00	-
58	-	4117984960	PAWAN THAKUR	22	11892.00	90.00	-
59	-	4116479950	NITU MANDI	30	10865.00	82.00	-
60	-	4114975544	MD NASIR KHAN	30	10931.00	82.00	-
61	-	4118332760	SHYAMAL MURMU	26	8539.00	65.00	-
62	-	4116646667	RUNU ADAK	31	11838.00	89.00	-
63	-	4116646704	MINOTI SAREN	22	7392.00	56.00	-
64	-	4114817812	RUNU DAS	23	7728.00	58.00	-
65	-	4116675376	MANIKA SEN	24	8064.00	61.00	-
66	-	4116675390	SIMA KAR	19	6384.00	48.00	-
67	-	4116676925	RAJIA BIBI	24	8064.00	61.00	-
68	-	4116675401	MAMATA PAUL	24	8064.00	61.00	-
69	-	4116678294	SHILPI BHAWAL	23	7728.00	58.00	-
70	-	4116678585	KAKALI MONDAL	0	0.00	0.00	On Leave
71	-	4116678593	MALA DUTTA	21	7056.00	53.00	-
72	-	4116675622	MANJU SAMADDAR	24	8064.00	61.00	-
73	-	4117680273	RUMA KISKU	20	6720.00	51.00	-
74	-	4116675619	Parbati Hambram	22	7392.00	56.00	-
75	-	4116675987	MAMONI ROY	0	0.00	0.00	On Leave

KARMAKAR

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SNo.	Is Disable	IP Number	IP Name	No. Of Days	Total Wages	IP Contribution	Reason
76	-	4116675980	JHUMPA BAULDAS	22	7392.00	56.00	-
77	-	4116750960	SARASWATI HARIJAN	24	8064.00	61.00	-
78	-	4116683648	RUPA MALIK	18	6048.00	46.00	-
79	-	4116683646	RINA HANSDA	16	5376.00	41.00	-
80	-	4117241391	SUMITRA HANSDA	22	7392.00	56.00	-
81	-	4116675974	PURNIMA HANSDA	0	0.00	0.00	On Leave
82	-	4116683643	SUPRIYA MONDAL	23	7728.00	58.00	-
83	-	4117589878	JHUMPA PATRA	0	0.00	0.00	On Leave
84	-	4116675967	PRIYANKA MAJHI	0	0.00	0.00	On Leave
85	-	4116683639	RAMA BAULDAS	13	4368.00	33.00	-
86	-	4116683635	CHANDANA DEBNATH	23	7728.00	58.00	-
87	-	4116675963	LIPIKA BARUI	22	7392.00	56.00	-
88	-	4116675959	REKHA BAULDAS	0	0.00	0.00	On Leave
89	-	4116576656	Sharifa Bibi	22	7392.00	56.00	-
90	-	4116675639	JAMUNA SAREN	19	6384.00	48.00	-
91	-	4116788113	PAMPA PRAMANIK	19	6384.00	48.00	-
92	-	4116683630	URMILA DUTTA	2	672.00	6.00	-
93	-	4116646588	JOYMALA HEMBRAM	21	7056.00	53.00	-
94	-	4116576662	SHYAMALI MURMU	13	4368.00	33.00	-
95	-	4116683625	SHIKHA SOREN	18	6048.00	46.00	-
96	-	4116677010	REKHA RAY PAL	24	8064.00	61.00	-
97	-	4116675254	SUMITRA MURMU	19	6384.00	48.00	-
98	-	4117092042	Shrabani Saren	18	6048.00	46.00	-
99	-	4116675214	ALPONA BAULDAS	22	7392.00	56.00	-
100	-	4117241414	RUPALI HANSDA	0	0.00	0.00	On Leave
101	-	4116675226	MADHUMITA KHAMARU	24	8064.00	61.00	-
102	-	4116725875	MADHABI SAREN	19	6384.00	48.00	-
103	-	4116676082	SARASWATI HEMBRAM	22	7392.00	56.00	-
104	-	4116676080	Sunandita Brahma	15	5040.00	38.00	-

11:02:49AM

SNo.	Is Disable	IP Number	IP Name	No. Of Days	Total Wages	IP Contribution	Reason
105	-	4116676076	Sefali Murmu	21	7056.00	53.00	-
106	-	4116576640	PARBATI KISKU	13	4368.00	33.00	-
107	-	4116676075	SUSMITA DAS	23	7728.00	58.00	-
108	-	4116683432	MOUSUMI DESHMUKH	20	6720.00	51.00	-
109	-	4116676074	ANIMA ROY	0	0.00	0.00	On Leave
110	-	4116676072	MOUSUMI BAULDAS	23	7728.00	58.00	-
111	-	4116683418	KAKALI KISKU	23	7728.00	58.00	-
112	-	4116677085	GEETA TUDU	20	6720.00	51.00	-
113	-	4116576635	LABONI MURMU	0	0.00	0.00	On Leave
114	-	4116724588	SUPARNA DAS	23	7728.00	58.00	-
115	-	4116678632	KUMKUM KAR	24	8064.00	61.00	-
116	-	4116683404	RUPA ROY	22	7392.00	56.00	-
117	-	4116678619	MITA BAULDAS	21	7056.00	53.00	-
118	-	4116678615	SOMA ROY	19	6384.00	48.00	-
119	-	4116678613	RITA MONDAL	23	7728.00	58.00	-
120	-	4116683394	PARBATI ROY	21	7056.00	53.00	-
121	-	4116677067	ANIMA SAMADDAR	22	7392.00	56.00	-
122	-	4114846171	CHANDANI KISKU	20	6720.00	51.00	-
123	-	4114846453	PANMONI MURMU	19	6384.00	48.00	-
124	-	4114860215	Sumitra Bauldas	24	8064.00	61.00	-
125	-	4114846222	PRATIMA HANSDA	23	7728.00	58.00	-
126	-	4116676758	FULMONI HEMBRAM	22	7392.00	56.00	-
127	-	4116751160	MALINA SAREN	23	7728.00	58.00	-
128	-	4117014308	PARBATI HANSDA	0	0.00	0.00	On Leave
129	-	4116683152	KABITA PAL	20	6720.00	51.00	-
130	-	4114846457	ANITA GHOSH	19	6384.00	48.00	-
131	-	4114846162	PAMPA KEORA	18	6048.00	46.00	-
132	-	4116683142	NARGIS KHATUN	22	7392.00	56.00	-
133	-	4116962860	KOBITA MUNDA SING	11	3696.00	28.00	-

11:02:49AM

SNo.	Is Disable	IP Number	IP Name	No. Of Days	Total Wages	IP Contribution	Reason
134	-	4114859110	CHAMPA BIBI	22	7392.00	56.00	-
135	-	4114859122	FULMONI MURMU	11	3696.00	28.00	-
136	-	4116683037	MAMANI RUIDAS	18	6048.00	46.00	-
137	-	4116683013	MOUMITA MONDAL	22	7392.00	56.00	-
138	-	4116676847	MAYA DAS	23	7728.00	58.00	-
139	-	4116676878	SHRABANTI MANDI	20	6720.00	51.00	-
140	-	4116676900	JHARNA ROY	19	6384.00	48.00	-
141	-	4116724618	SUMITRA MALIK	0	0.00	0.00	On Leave
142	-	4116932261	SIMA MAJHI	15	5040.00	38.00	-
143	-	4116725834	MAYNA MANDI	10	3360.00	26.00	-
144	-	4116751168	BASANTI HANSDA	24	8064.00	61.00	-
145	-	4116725823	RUPALI MANDI	24	8064.00	61.00	-
146	-	4116750958	MANIKA SAREN	13	4368.00	33.00	-
147	-	4116725807	LAXMI HANSDA	10	3360.00	26.00	-
148	-	4116725318	DIPALI MURMU	7	2352.00	18.00	-
149	-	4116725784	PRATIMA HEMBRAM	22	7392.00	56.00	-
150	-	4116751163	JHARNA MURMU	21	7056.00	53.00	-
151	-	4116750968	GITA HEMBRAM	22	7392.00	56.00	-
152	-	4116750963	UPAL TUDU	24	8064.00	61.00	-
153	-	4116725732	DURGA MURMU HANSDA	22	7392.00	56.00	-
154	-	4114846179	RACHANA MALIK	23	7728.00	58.00	-
155	-	4116725659	Jyotsna Bauladas	22	7392.00	56.00	-
156	-	4114846167	SOMA MAJHI	1	336.00	3.00	-
157	-	4116725624	MANJU BAUL DAS	15	5040.00	38.00	-
158	-	4116751085	MITHU HANSDA	8	2688.00	21.00	-
159	-	4118332820	RITALI HANSDA	21	7056.00	53.00	-
160	-	4114846214	SARASWATI MURMU	22	7392.00	56.00	-
161	-	4114846224	KAKALI MURMU	23	7728.00	58.00	-
162	-	4116725864	MAMANI MURMU	20	6720.00	51.00	-

11:02:49AM

SNo.	Is Disable	IP Number	IP Name	No. Of Days	Total Wages	IP Contribution	Reason
163	-	4118332782	SILPA MAJHI	1	336.00	3.00	-
164	-	4114860227	SUMITA CHOWDHURY	24	8064.00	61.00	-
165	-	4114860233	SUMITA TUDU	23	7728.00	58.00	-
166	-	4116724667	MANISHA HANSDA	20	6720.00	51.00	-
167	-	4116724675	DEBASHRI BERA	20	6720.00	51.00	-
168	-	4114860210	SUMITA HANSDA	20	6720.00	51.00	-
169	-	4116724686	SEFALI HANSDA	23	7728.00	58.00	-
170	-	4116724707	AROTI RAY	16	5376.00	41.00	-
171	-	4116751158	TUMPA SOREN	22	7392.00	56.00	-
172	-	4116724708	MANJU BAUL DAS	23	7728.00	58.00	-
173	-	4116725341	RITA BAULDAS	18	6048.00	46.00	-
174	-	4116725357	Jhumpa Ray	17	5712.00	43.00	-
175	-	4116751071	NILIMA BAULDAS	22	7392.00	56.00	-
176	-	4116750966	SABITA MAJHI	22	7392.00	56.00	-
177	-	4116751067	SUMITRA MURMU	20	6720.00	51.00	-
178	-	4114846236	JAMUNA SANTRA	24	8064.00	61.00	-
179	-	4116725397	KRISHNA BAUL DAS	23	7728.00	58.00	-
180	-	4116725845	BASANTI HANSDA	18	6048.00	46.00	-
181	-	4116725854	KHUKUMANI BAULDAS	23	7728.00	58.00	-
182	-	4114846142	SUKUMONI MANDI	18	6048.00	46.00	-
183	-	4114846199	BUDU MANDI	21	7056.00	53.00	-
184	-	4116724564	SUSAMA NAYEK	24	8064.00	61.00	-
185	-	4116803461	RUPALI SAREN	21	7056.00	53.00	-
186	-	4114859113	JAYANTI ADAK	24	8064.00	61.00	-
187	-	4114846150	DULARI HANSDA	21	7056.00	53.00	-
188	-	4114846452	SONALI DAS	21	7056.00	53.00	-
189	-	4114846204	ANITA CHOWDHURY	22	7392.00	56.00	-
190	-	4116724606	SANDIPA MONDAL	17	5712.00	43.00	-
191	-	4116646683	LAKSHMIMANI SOREN	19	6384.00	48.00	-

11:02:49AM

SNo.	Is Disable	IP Number	IP Name	No. Of Days	Total Wages	IP Contribution	Reason
192	-	4116675628	SUMI HEMBRAM	21	7056.00	53.00	-
193	-	4116675239	RANI BAULDAS	24	8064.00	61.00	-
194	-	4116676781	ANIMA MANDI	5	1680.00	13.00	-
195	-	4116751171	MAYNA HANSDA	11	3696.00	28.00	-
196	-	4116683124	SHIKHA BAULDAS	14	4704.00	36.00	-
197	-	4116676801	PURNIMA MONDAL	18	6048.00	46.00	-
198	-	4116725686	MADHO HANSDA	19	6384.00	48.00	-
199	-	4116724535	Soma Sadhukhan	19	6384.00	48.00	-
200	-	4116788142	MANDIRA MANDI	21	7056.00	53.00	-
201	-	4116646528	JHARNA MURMU	22	7392.00	56.00	-
202	-	4114846174	MONIMALA DAS	22	7392.00	56.00	-
203	-	4116724684	KHUKUMANI PAUL	20	6720.00	51.00	-
204	-	4116092063	SAFINA SULTANA	23	7728.00	58.00	-
205	-	4116521529	RABIN MAJUMDER	0	0.00	0.00	On Leave
206	-	4116751077	KRISHNA PAKIRA	0	0.00	0.00	On Leave
207	-	4116676836	SIMA MONDAL	0	0.00	0.00	On Leave
208	-	4114859121	LILU PAL MAJHI	0	0.00	0.00	On Leave
209	-	4116725388	KABITA SAREN	0	0.00	0.00	On Leave
210	-	4117092024	BANI SAMANTA	0	0.00	0.00	On Leave
211	-	4116725715	PARBATI KISKU	0	0.00	0.00	On Leave
212	-	4116683089	SWAPNA BRAHMA	0	0.00	0.00	On Leave
213	-	4117091959	DIPA MUNDA	0	0.00	0.00	On Leave
214	-	4116676085	MADHABI SAREN	0	0.00	0.00	On Leave

11:02:49AM

# **Annexure – 6**

NOC No 159725

# WEST BENGAL POLLUTION CONTROL BOARD

Panbesh Bhawan  
10A, Block - LA, Sector III, Bidhannagar  
Kolkata - 700 105



Memo No. 380/hg-no-o/19/0133

Dated 03.06.19

From:  
Member Secretary,  
West Bengal Pollution Control Board



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

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

Ref: Your letter No. 111 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/stocking/facilitation of IMPL (Indian Made Foreign Liquor) 1,800 KL/month  
and installation of 2 nos. D.G. Set of capacity 15 KVA & 250 KVA (both Green DG)

at Plot/Dag no: 254, 259, 260, 262, 275, 389, Kh: 1095, Jt: 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 (PL 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 pollutional 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.

NO. 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 and 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,

*[Signature]*  
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.R.O./D.R.O./Haldia R.O./S.R.O./Asansol/ Sub-R.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,  
Haldia-721602  
Dist. : Purba Medinipur

Paribahan Nagar  
Matigara, Sainiguri  
Dist.-Darjeeling

Sahid Khudiram Sarani  
City Centre, Durgapur-16  
Dist. Burdwan

10, Camac Street  
2nd Floor  
Kolkata-700 017

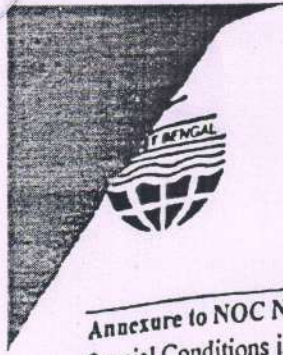
Satya Chowdhury  
Indoor Stadium  
Bakurchar Bandh Road  
Makda-732101

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







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](http://www.wbpcb.gov.in), Email : [wbpcbnet@cal3.vsn](mailto:wbpcbnet@cal3.vsn)

Annexure to NOC NO 159725  
Special Conditions issued to \_

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 :-

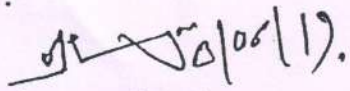
- 1) Process / wash - to be discharged to panchayet drain through ETP, as proposed.
- 2) Domestic – to be discharged through septic tank to panchayet drain.

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

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.



  
Environmental Engineer  
Hooghly Regional Office  
West Bengal Pollution Control Board  
  
Environmental Engineer  
Hooghly R.O., W.B.P.C.B

# **Annexure – 7**

# WEST BENGAL POLLUTION CONTROL BOARD

'Paribesh Bhawan'

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

Salt Lake City, Kolkata-700 098



Consent Letter Number : CO128999

Memo Number : 336 - Pg-co - 1/19/0134

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.

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

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

Mouza - Nagaspara, T.L. No. 1, Mouza - Meghsar, 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.)

Mandi  
13/11/20  
Environmental Engineer



## ANNEXURE

Consent to M/s. Alpine Distilleries Pvt. Ltd.  
 for its unit at Mouza - Nagarpara, T.L. No. 1, Mouza - Meghasar, T.L. No. 2,  
Vill. & P.O. - Mahanad, P.S. - Polka, 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	1650 KL
02	Neutral Alcohol)	
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 335 KL.
06. The Applicant shall discharge liquid effluent to through BTP to Panchayet Drain (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.

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

Mardi  
13/11/20  
 Environmental Engineer  
 W. B. Pollution Control Board



Consent to M/s Alpine Distilleries Pvt. Ltd.

for its unit at Mouza - Nagarpara, TL No. - 1, Mouza - Meghsar, TL No. 2  
Vill & P.O. - Mahanad, P.S. - Polba, Dist - Hooghly, 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 G.L., (in mts.)	Stack attached to (sources and control system, if any):	Volume Nm <sup>3</sup> /hr.	Velocity of gas emission m/sec.	Concentrations of parameters not to exceed				Frequency of emission sampling
					SPM (mg/Nm <sup>3</sup> )	CO (%v/v)			
S-1	40	Boiler (coal fired) - One no. (25 TPH) with ESP (oil field)		—	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.)

12/11/20  
 Environment Engineer  
 W. B. Pollution Control Board.....  
 Operation & Execution Cell

C0128999

(5)

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

for its unit at Mouza :- Nagarpara, T.L. No-1, Mouza- Meghsar, T.L. No. 2  
Vill R.P.O.-Mahanad, 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

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

Ataradi  
12/11/20  
Environmental Engineer  
W. B. Pollution Control Board  
Operation & Execution Cell

Consent to M/s Alpine Distilleries Pvt. Ltd.  
 for its unit at Mouza - Nagarpore, J.L.No. - 1, Mouza - Meghaur, J.L.No. 2  
Village P.O. - Mahanad, P.S. - Polba, Dist - Hooghly, 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 alternation/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.)

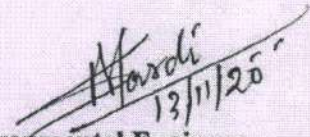
*Mausoli*  
 13/11/20  
 Environmental Engineer  
 W. B. Pollution Control Board  
 Operation & Execution Cell



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.

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

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

# **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: 23<sup>rd</sup> 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](mailto:alpine.distillery@gmail.com) ; [jain\\_yp@yahoo.com](mailto: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 reg.

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

Sir,

Kindly refer to your letter dated nil alongwith project documents including Form I, Terms of References, Pre-feasibility Report, EIA/EEMP 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 m<sup>2</sup>. 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/Nm<sup>3</sup>. Total fresh water requirement from ground water source will be 660 m<sup>3</sup>/day for distillery and CPP. Spent wash generation will be 360 m<sup>3</sup>/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 11<sup>th</sup> 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 3<sup>rd</sup> and 28<sup>th</sup> meetings held during 3<sup>rd</sup> -5<sup>th</sup> December, 2012 and 1<sup>st</sup> December - 2<sup>nd</sup> 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.

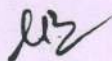
7.0 Based on the information submitted by the project proponent, the Ministry of Environment, Forests and Climate Change hereby accords environmental clearance to above project under the provisions of EIA Notification dated 14<sup>th</sup> September 2006, subject to the compliance of the following Specific 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/Nm<sup>3</sup>. 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<sub>2.5</sub>, PM<sub>10</sub>, SO<sub>2</sub>, NO<sub>x</sub>, 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 m<sup>3</sup>/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 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.
- 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 WBSPCB.
- 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 along with 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 11<sup>th</sup> 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 garland 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.

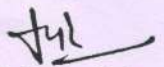
- viii. Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.
- ix. The company 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 31<sup>st</sup> March in Form-V as is 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 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 Hoongly, 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, Chandrashekharpur, 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**

# The Telegraph

ALPINE DISTILLERIES PVT. LTD.  
*Summeberg*

CALCUTTA FRIDAY 13 MARCH 2015 Rs 3.00

**ONE STOP**  
 The Telegraph

**The Telegraph**  
**AIR SURCHARGE**  
 TRIPURA/IMPHAL-1.00  
 MUMBAI AND BEYOND-  
 5.00; DELHI AND  
 BEYOND/ CHENNAI  
 AND BEYOND/  
 BANGALORE/  
 PORT BLAIR- 7.00.



**miscellaneous**  
**THE ASIATIC SOCIETY**  
**Kolkata**  
 Applications are invited from officers under Central/State Government for appointment by

**miscellaneous**  
 Lab Technician for Testing Ash Content and Density etc. Apply [gupta.ransal@gmail.com](mailto:gupta.ransal@gmail.com)  
 833885

**BASIRHAT MUNICIPALITY**  
 Memo No. 2403/BM/2014-15. Date: 11/03/2015. Applications are invited by the Board of Councillors of Basirhat Municipality from eligible Indian citizens for recruitment against some vacant posts as mentioned on the Website. The format of the application form and detailed information for each post are available on the Website: [www.basirhatmunicipality.in](http://www.basirhatmunicipality.in)  
 The last date for receipt of filled in application is on 10.04.2015 (till 4.30 p.m.). Atul Ann. Basirhat Chairperson. Basirhat Municipality. 1443774

**ALPINE DISTILLERIES**  
**loan & Investments**  
 We are a Private Finance providing loan against property. Please contact 9051111228. 1404882

**purchase & sale**  
**HARSH TRADING COMPANY**  
 Leasehold running Dispensing LPG ready to sale at 8, Pump is ready to sale at 8, Kartick Ch. Dutta Road, Howrah. Near CSTC Depot at reasonable rate. Interest to contact person on request to contact Mobile No. 9163871504. 1413338

**BUSINESS & SERVICE**  
 Require serious people to work in planning/ Business Dev area. Flexible times incredible rewards. Kunjal 9007827000. 1444008

Incredible income opp. to work with US MNC Part/ Full time VRS/ Housewife/ Ex-army/ Banker. Call Susmita 8335898105. 1443394

**ALPINE DISTILLERIES**  
**loan & Investments**  
 We are a Private Finance providing loan against property. Please contact 9051111228. 1404882

**purchase & sale**  
 Only 400 to join fulfill your dreams by male escorts 100% privacy & droppings facility. 7478205789/ 6278991706. 1414112

**purchase & sale**  
 Register new earnings opportunity for male escorts 100% guaranteed droppings facility. 6678881040/ 6278991706. 1414112

**SCOPE**  
 Registration, free get high life style through table escorts 100% guarantee & droppings facility. 9089149909/ 7478906844. 1414112

Hi-profile female want good male escorts join free fulfill your dream with high benefit. 6278991706/ 6278991706. 1414112

**ALPINE DISTILLERIES**  
**loan & Investments**  
 We are a Private Finance providing loan against property. Please contact 9051111228. 1404882

**purchase & sale**  
 Only 400 to join fulfill your dreams by male escorts 100% privacy & droppings facility. 7478205789/ 6278991706. 1414112

**purchase & sale**  
 Register new earnings opportunity for male escorts 100% guaranteed droppings facility. 6678881040/ 6278991706. 1414112

**notice**  
 This is for information that Alpine Distilleries Pvt. Ltd. is being seconded Reformational Clearance vide F. No. B31011/227/2012-1A II (U) Dtd. 23.02.2015 by Ministry of Environment, Forests and Climate Change, Govt of India for proposed Grain based Distillery Project at Vill- Mairanad, Mouza- Meghar & Nagarpara, PS-Polba, Dist-Hooghly, PIN-712149. More information available with Ministry of Environment, Forests & Climate Change website at <http://environment.in>. 1413393

My client intend to purchase all that land measuring about 6 cotables 9 chittacks and 25 sq.ft. being Plot No. G-11, lying and situated within G Block, under Dag No. 126, Khatian No. 150, Mouza Borkhola, Taluk Nos. 108, 161, 166 and 210, R.S. No. 46, J.I. No. 21, PS, Purba Jangpur District South 24 Parganas, from its present owner, Sri Ranjit Ghosal, son of late Prafulla Ghosal, of Pradhala, P.S. Guma, P.S. Kallianagar, North 24 Parganas. PIN-743994. Any person having any lawful claim over the above land in any manner changed my name to

**change of name**  
 I Bakul Kishore Saha S/o Lt. Gour Kishore Saha of 16/7 A.C. Rd. PO Khagra, Dt. Murshidabad to state that in HS Certificate and in Passport my middle name have been written as Kisor and father's middle name as Kishor but in all other records as Kishore Saha stated in affidavit. Vide affidavit at Berhampur Court I declare that Bakul Kisor Saha and Bakul Kishore Saha is same and identically one. 1414112

**change of name**  
 I, Srijeet / Srijeet Bhattacharya homeborn will be known as Srijeet Bhattacharyya vide Affidavit dated 9-3-2015. 1414112

**change of name**  
 I, Tuzin Sulinna have changed my name to

**change of name**  
 I Bakul Kishore Saha S/o Lt. Gour Kishore Saha of 16/7 A.C. Rd. PO Khagra, Dt. Murshidabad to state that in HS Certificate and in Passport my middle name have been written as Kisor and father's middle name as Kishor but in all other records as Kishore Saha stated in affidavit. Vide affidavit at Berhampur Court I declare that Bakul Kisor Saha and Bakul Kishore Saha is same and identically one. 1414112

**change of name**  
 I, Tuzin Sulinna have changed my name to

**change of name**  
 I, Tuzin Sulinna have changed my name to

**change of name**  
 I, Tuzin Sulinna have changed my name to

**change of name**  
 I, Tuzin Sulinna have changed my name to

**tender**  
**THIRUPURA STATE ELECTRICITY CORPORATION LTD.**  
 (A Government of Tripura Enterprise) Office of the Deputy General Manager (Materials Management) Electrical Store Division, Arundaha, Agartala. NO FIN/10/DM/ESD/1323-397. Dated: 11.03.2015. Notice inviting tender for the purchase of 1000000 Watts (1 MW) of Solar Panel (Monocrystalline Silicon) for the purpose of installation at various locations in Agartala. The tender shall be received up to 10.00 pm on the last date of receiving and shall be opened on the same day at 2.30 pm, if possible. For details please visit [www.tenders.gov.in](http://www.tenders.gov.in) department.asp?id=802 and TSECL's official website (URL: <http://www.tsecl.gov.in>). Sd/- Deputy General Manager (Materials Management) Electrical Store Division TSECL, Arundaha, Agartala. 1414112

**tender**  
 Notice inviting tender for the purchase of 1000000 Watts (1 MW) of Solar Panel (Monocrystalline Silicon) for the purpose of installation at various locations in Agartala. The tender shall be received up to 10.00 pm on the last date of receiving and shall be opened on the same day at 2.30 pm, if possible. For details please visit [www.tenders.gov.in](http://www.tenders.gov.in) department.asp?id=802 and TSECL's official website (URL: <http://www.tsecl.gov.in>). Sd/- Deputy General Manager (Materials Management) Electrical Store Division TSECL, Arundaha, Agartala. 1414112

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**Announcements**  
**Bookings for Bari Bazar**

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*Shiksha Vridhi*  
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for DSLR & Lensa cleaning  
on 13th & 14th March 2015,  
Capital Enterprise (P) Ltd.,  
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DR. 0916100

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১০০ কোম্পানী থেকে  
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on 13th & 14th March 2015,  
Capital Enterprise (P) Ltd.,  
J.L. Nehru Rd, Kol-35,  
DR. 0916100

**আজ তিভিতে**

**সিঙ্গা**  
ভিত্তি বাংলা  
১১-০০: ১১:০০  
১১:০০: ১১:০০

**নির্দেশনা**  
১১:০০: ১১:০০  
১১:০০: ১১:০০

**কোম্পানি**  
১১:০০: ১১:০০  
১১:০০: ১১:০০

**তথ্য আদ্যশ্য হলেও সত্য**  
১১:০০: ১১:০০  
১১:০০: ১১:০০

# **Annexure-10**



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## Certifications and Registrations

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# **Annexure- 11**

**Forbes Marshall**

**Alpine Distilleries Pvt.Ltd**

Mouza-Nagarpara, J.L.No-1,Mouza-Meghsar, J.L. No-2, Vill,&P.O-Mahanad, P.S- Polba,  
Dist-Hooghly, Pin-712149, Hooghly, West Bengal-712149, Hooghly, HOOGHLY. WEST  
BENGAL

**Station Report**

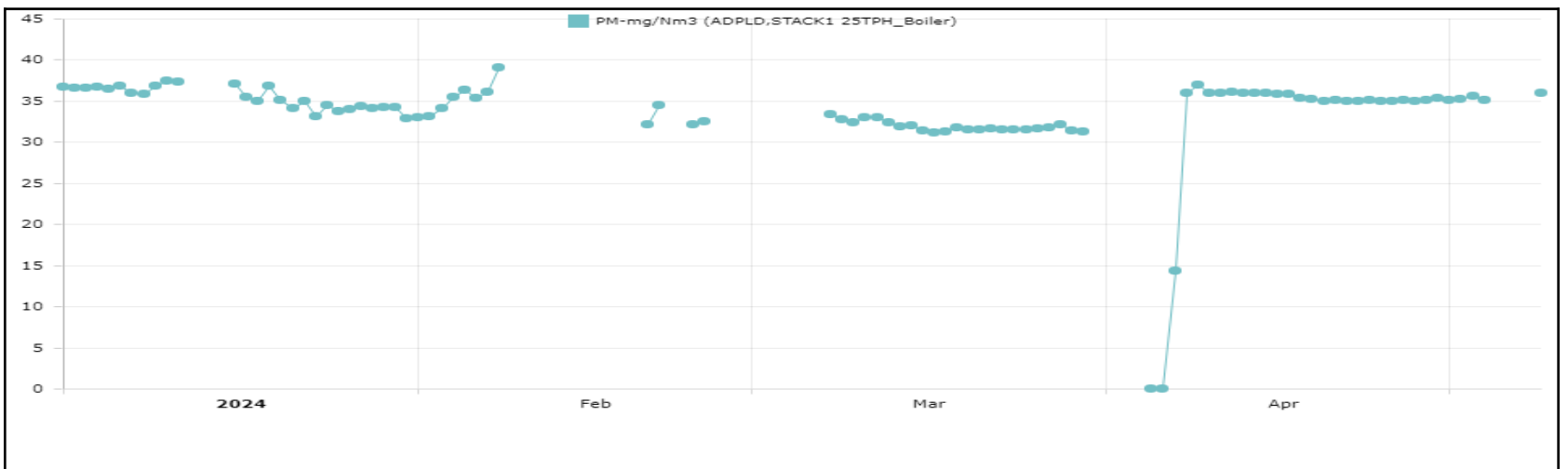
**Station: STACK1 25TPH\_Boiler**

**From :** 01-01-2024 00:00:00

**To :** 31-12-2024 23:59:59

**Interval :** Daily

**Function :** Average



**Flag legends:** < - Average with less data, C - Calibration mode, M - Maintenance mode, S - Data under scrutiny, B - Bad data, H - High permissible limit crossed, L - Low permissible limit crossed, P - Processed Data, V - Corrected Data, D - Delayed Data, R- Analyzer drift

Calender	PM Avg					
Units	mg/Nm3					
Range	0 - 50					
01-01-2024 00:00:00	36.72 < H					
02-01-2024 00:00:00	36.65 <					
03-01-2024 00:00:00	36.61 <					
04-01-2024 00:00:00	36.71 <					
05-01-2024 00:00:00	36.52 <					

Calender	PM Avg					
Units	mg/Nm3					
Range	0 - 50					
06-01-2024 00:00:00	36.89 <					
07-01-2024 00:00:00	36.02 <					
08-01-2024 00:00:00	35.89 <					
09-01-2024 00:00:00	36.78 < H					
10-01-2024 00:00:00	37.43 <					
11-01-2024 00:00:00	37.34 <					
16-01-2024 00:00:00	37.11 < HS					
17-01-2024 00:00:00	35.44 <					
18-01-2024 00:00:00	35.03 < H					
19-01-2024 00:00:00	36.81 < H					
20-01-2024 00:00:00	35.07 <					
21-01-2024 00:00:00	34.09 <					
22-01-2024 00:00:00	34.95 <					
23-01-2024 00:00:00	33.16 <					
24-01-2024 00:00:00	34.51 < H					
25-01-2024 00:00:00	33.69 < HS					
26-01-2024 00:00:00	33.97 <					
27-01-2024 00:00:00	34.31 <					
28-01-2024 00:00:00	34.09 <					
29-01-2024 00:00:00	34.29 <					
30-01-2024 00:00:00	34.26 < H					
31-01-2024 00:00:00	32.90 <					



Calender	PM Avg					
Units	mg/Nm3					
Range	0 - 50					
01-02-2024 00:00:00	32.98 <					
02-02-2024 00:00:00	33.11 <					
03-02-2024 00:00:00	34.16 <					
04-02-2024 00:00:00	35.43 <					
05-02-2024 00:00:00	36.29 <					
06-02-2024 00:00:00	35.39 <					
07-02-2024 00:00:00	36.12 <					
08-02-2024 00:00:00	39.11 < HS					
21-02-2024 00:00:00	32.17 <					
22-02-2024 00:00:00	34.44 < H					
25-02-2024 00:00:00	32.11 <					
26-02-2024 00:00:00	32.46 <					
08-03-2024 00:00:00	33.43 <					
09-03-2024 00:00:00	32.76 <					
10-03-2024 00:00:00	32.42 <					
11-03-2024 00:00:00	32.98 < HS					
12-03-2024 00:00:00	33.06 < H					
13-03-2024 00:00:00	32.42 <					
14-03-2024 00:00:00	31.90 <					
15-03-2024 00:00:00	31.96 <					
16-03-2024 00:00:00	31.40 <					
17-03-2024 00:00:00	31.20 <					

Calender	PM Avg					
Units	mg/Nm3					
Range	0 - 50					
18-03-2024 00:00:00	31.27 <					
19-03-2024 00:00:00	31.75 <					
20-03-2024 00:00:00	31.52 <					
21-03-2024 00:00:00	31.49 <					
22-03-2024 00:00:00	31.69 <					
23-03-2024 00:00:00	31.56 <					
24-03-2024 00:00:00	31.53 <					
25-03-2024 00:00:00	31.54 <					
26-03-2024 00:00:00	31.70 <					
27-03-2024 00:00:00	31.77 < S					
28-03-2024 00:00:00	32.14 <					
29-03-2024 00:00:00	31.43 <					
30-03-2024 00:00:00	31.25 < HS					
05-04-2024 00:00:00	0.00 <					
06-04-2024 00:00:00	0.00 <					
07-04-2024 00:00:00	14.32 < HS					
08-04-2024 00:00:00	35.99 <					
09-04-2024 00:00:00	36.95 <					
10-04-2024 00:00:00	36.00 <					
11-04-2024 00:00:00	36.01 <					
12-04-2024 00:00:00	36.16 <					
13-04-2024 00:00:00	36.02 <					

Calender	PM Avg					
Units	mg/Nm3					
Range	0 - 50					
14-04-2024 00:00:00	36.01 <					
15-04-2024 00:00:00	36.00 <					
16-04-2024 00:00:00	35.88 <					
17-04-2024 00:00:00	35.83 <					
18-04-2024 00:00:00	35.41 <					
19-04-2024 00:00:00	35.24 <					
20-04-2024 00:00:00	35.01 <					
21-04-2024 00:00:00	35.14 <					
22-04-2024 00:00:00	35.03 <					
23-04-2024 00:00:00	35.04 <					
24-04-2024 00:00:00	35.14 <					
25-04-2024 00:00:00	35.03 <					
26-04-2024 00:00:00	35.04 <					
27-04-2024 00:00:00	35.06 <					
28-04-2024 00:00:00	35.04 <					
29-04-2024 00:00:00	35.09 <					
30-04-2024 00:00:00	35.36 <					
01-05-2024 00:00:00	35.14 <					
02-05-2024 00:00:00	35.26 <					
03-05-2024 00:00:00	35.65 <					
04-05-2024 00:00:00	35.12 <					
09-05-2024 00:00:00	35.93 <					

**Report Summary**

Average	33.49					
Maximum	39.11					
Minimum	0.00					
Std.Deviation	5.72					
Geom.Mean	34.06					
Median	35.03					
Mode	0.00					
Total Active Duration						

# **Annexure- 12**

**Forbes Marshall**

**Alpine Distilleries Pvt.Ltd**

Mouza-Nagarpara, J.L.No-1,Mouza-Meghsar, J.L. No-2, Vill,&P.O-Mahanad, P.S- Polba,  
Dist-Hooghly, Pin-712149, Hooghly, West Bengal-712149, Hooghly, HOOGHLY. WEST  
BENGAL

**Station Report**

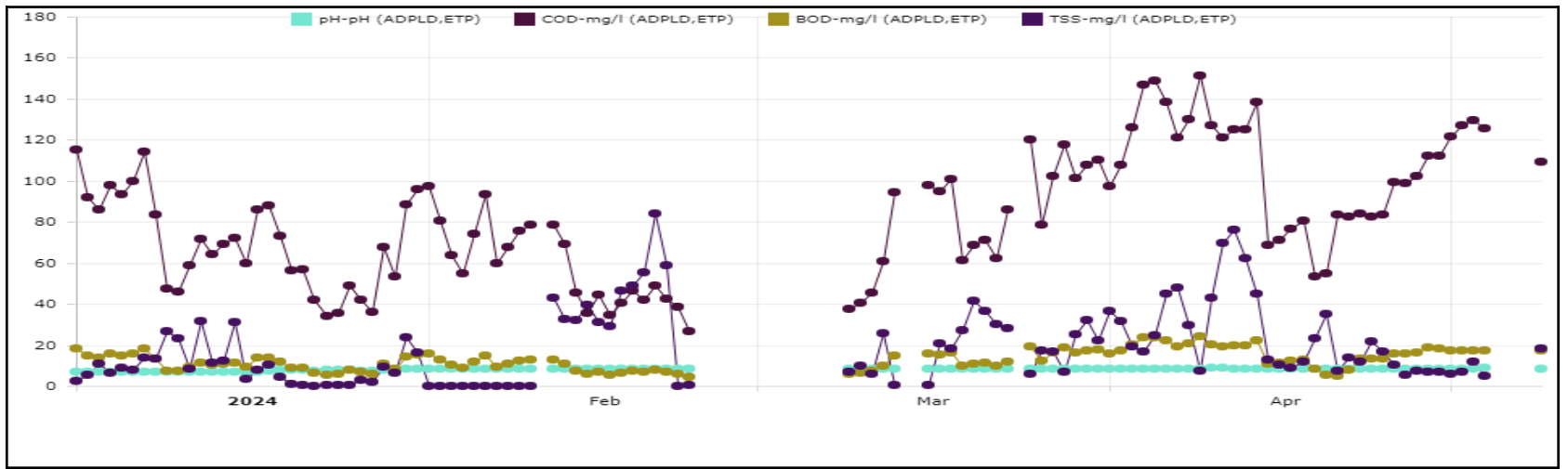
**Station: ETP**

**From :** 01-01-2024 00:00:00

**To :** 31-12-2024 23:59:59

**Interval :** Daily

**Function :** Average



**Flag legends:** < - Average with less data, C - Calibration mode, M - Maintenance mode, S - Data under scrutiny, B - Bad data, H - High permissible limit crossed, L - Low permissible limit crossed, P - Processed Data, V - Corrected Data, D - Delayed Data,R- Analyzer drift

Calender	pH Avg	COD Avg	BOD Avg	TSS Avg		
Units	pH	mg/l	mg/l	mg/l		
Range	5.5 - 9	0 - 250	0 - 30	0 - 100		
01-01-2024 00:00:00	7.16	115.36	18.48	2.25		
02-01-2024 00:00:00	7.13	92.19	14.72	5.31		
03-01-2024 00:00:00	7.11	86.25	13.79	10.94		
04-01-2024 00:00:00	7.08	97.82	15.62	6.65		
05-01-2024 00:00:00	7.07	93.63	15.00	9.02 H		

Calender	pH Avg	COD Avg	BOD Avg	TSS Avg		
Units	pH	mg/l	mg/l	mg/l		
Range	5.5 - 9	0 - 250	0 - 30	0 - 100		
06-01-2024 00:00:00	7.06	99.79	15.98	7.87		
07-01-2024 00:00:00	7.04	114.25	18.31	13.78		
08-01-2024 00:00:00	7.03	83.56	13.38	13.52		
09-01-2024 00:00:00	7.03	47.26	7.55	26.52		
10-01-2024 00:00:00	7.01	46.06	7.40	23.42		
11-01-2024 00:00:00	7.00	58.92	9.44	8.62		
12-01-2024 00:00:00	7.03 <	71.60 <	11.46 <	31.60 <		
13-01-2024 00:00:00	7.04	64.50	10.33	11.28		
14-01-2024 00:00:00	7.02	69.34	11.07	12.52		
15-01-2024 00:00:00	7.00	72.30	11.55	30.98 H		
16-01-2024 00:00:00	6.96	59.64	9.54	3.27		
17-01-2024 00:00:00	6.96	85.94	13.72	7.68		
18-01-2024 00:00:00	7.22	87.98	14.05	10.48		
19-01-2024 00:00:00	8.03	73.20	11.70	4.44		
20-01-2024 00:00:00	7.97	56.34	9.00	1.07		
21-01-2024 00:00:00	7.81	57.05	9.12	0.57		
22-01-2024 00:00:00	7.65	41.87	6.66	0.00		
23-01-2024 00:00:00	7.73	34.33	5.47	0.30		
24-01-2024 00:00:00	7.75	35.71	5.69	0.70		
25-01-2024 00:00:00	7.68	48.96	7.81	0.42		
26-01-2024 00:00:00	7.58	42.02 R	6.72 R	2.74		
27-01-2024 00:00:00	7.49	36.11	5.78	1.81		

Calender	pH Avg	COD Avg	BOD Avg	TSS Avg		
Units	pH	mg/l	mg/l	mg/l		
Range	5.5 - 9	0 - 250	0 - 30	0 - 100		
28-01-2024 00:00:00	7.91	67.56	10.80	9.29		
29-01-2024 00:00:00	8.36	53.19	8.49	6.19		
30-01-2024 00:00:00	8.26	88.76	14.18	23.68		
31-01-2024 00:00:00	8.29	95.76	15.29	16.18 H		
01-02-2024 00:00:00	8.21	97.66	15.59	0.00		
02-02-2024 00:00:00	8.28	80.78	12.90	0.11		
03-02-2024 00:00:00	8.53	63.83	10.21	0.00		
04-02-2024 00:00:00	8.53	55.06	8.67	0.00		
05-02-2024 00:00:00	8.54	74.41	11.91	0.00		
06-02-2024 00:00:00	8.48	93.60	14.98	0.00		
07-02-2024 00:00:00	8.51	59.64	9.53	0.00		
08-02-2024 00:00:00	8.48	67.55	10.86	0.00		
09-02-2024 00:00:00	8.47	75.85	12.13	0.00		
10-02-2024 00:00:00	8.49	78.77	12.63	0.06		
12-02-2024 00:00:00	8.41 <	78.61 <	12.65 <	42.95 <		
13-02-2024 00:00:00	8.39	69.08	11.08	32.84		
14-02-2024 00:00:00	8.53	45.30	7.22	32.34		
15-02-2024 00:00:00	8.49	35.78	5.71	39.36		
16-02-2024 00:00:00	8.44	44.70	7.13	31.07		
17-02-2024 00:00:00	8.37	34.39	5.51	28.99		
18-02-2024 00:00:00	8.37	40.72	6.50	46.42		
19-02-2024 00:00:00	8.42	46.40	7.61	49.00		



Calender	pH Avg	COD Avg	BOD Avg	TSS Avg		
Units	pH	mg/l	mg/l	mg/l		
Range	5.5 - 9	0 - 250	0 - 30	0 - 100		
20-02-2024 00:00:00	8.33	42.24	6.79	55.22		
21-02-2024 00:00:00	8.36 <	48.79 <	7.79 <	83.88 < H		
22-02-2024 00:00:00	8.49	42.71	6.81	59.01 H		
23-02-2024 00:00:00	8.35	38.44	6.15	0.08		
24-02-2024 00:00:00	8.38 <	26.73 < R	4.30 < R	0.70 <		
09-03-2024 00:00:00	8.29 <	37.63 <	6.01 <	7.00 <		
10-03-2024 00:00:00	8.29 <	40.61 <	6.52 <	10.11 <		
11-03-2024 00:00:00	8.28	45.37	7.28	5.94		
12-03-2024 00:00:00	8.30 <	60.95 <	9.76 <	25.70 <		
13-03-2024 00:00:00	8.28 <	94.29 <	15.05 <	0.56 <		
16-03-2024 00:00:00	8.25 <	98.06 <	15.69 <	0.55 <		
17-03-2024 00:00:00	8.25	95.15	15.26	20.58		
18-03-2024 00:00:00	8.25	100.69	16.11	18.49		
19-03-2024 00:00:00	8.26	61.39	9.81	27.22		
20-03-2024 00:00:00	8.25 <	68.75 <	11.01 <	41.48 <		
21-03-2024 00:00:00	8.26 <	71.45 <	11.43 <	36.57 <		
22-03-2024 00:00:00	8.27	62.54	9.98	30.08		
23-03-2024 00:00:00	8.26 <	86.11 <	11.86 <	28.09 <		
25-03-2024 00:00:00	8.20 <	120.10 <	19.21 <	5.92 <		
26-03-2024 00:00:00	8.18	78.41	12.52	17.11		
27-03-2024 00:00:00	8.55 <	102.48 <	16.36 <	17.00 <		
28-03-2024 00:00:00	8.57	117.52	18.77	6.76		

Calender	pH Avg	COD Avg	BOD Avg	TSS Avg		
Units	pH	mg/l	mg/l	mg/l		
Range	5.5 - 9	0 - 250	0 - 30	0 - 100		
29-03-2024 00:00:00	8.57	101.45	16.20	25.07		
30-03-2024 00:00:00	8.43	107.74	17.24	32.19		
31-03-2024 00:00:00	8.46	110.47	17.64	22.32		
01-04-2024 00:00:00	8.55	97.25	15.58	36.75		
02-04-2024 00:00:00	8.50	107.59	17.22	31.58		
03-04-2024 00:00:00	8.37	126.23	20.21	19.16		
04-04-2024 00:00:00	8.41	146.84	23.51	16.62		
05-04-2024 00:00:00	8.32	148.75	23.82	24.72		
06-04-2024 00:00:00	8.54	138.37	22.10	44.81 H		
07-04-2024 00:00:00	8.54	121.24	19.39	48.11		
08-04-2024 00:00:00	8.57	130.24	20.88	29.49		
09-04-2024 00:00:00	8.52	151.40	24.22	7.37		
10-04-2024 00:00:00	8.67	127.04	20.35	42.82		
11-04-2024 00:00:00	8.69	121.26	19.41	69.78		
12-04-2024 00:00:00	8.60 <	125.19 <	19.99 <	76.13 <		
13-04-2024 00:00:00	8.63	124.97	19.99	62.51		
14-04-2024 00:00:00	8.59	138.45	22.17	44.77		
15-04-2024 00:00:00	8.64	68.73	10.98	12.68		
16-04-2024 00:00:00	8.49	70.99	11.38	10.18		
17-04-2024 00:00:00	8.60	76.84	12.29	9.03		
18-04-2024 00:00:00	8.50	80.79	12.86	11.97		
19-04-2024 00:00:00	8.50	53.60	8.57	23.06		

Calender	pH Avg	COD Avg	BOD Avg	TSS Avg		
Units	pH	mg/l	mg/l	mg/l		
Range	5.5 - 9	0 - 250	0 - 30	0 - 100		
20-04-2024 00:00:00	8.54	54.91	5.45	35.24		
21-04-2024 00:00:00	8.50	83.54	5.06	7.66		
22-04-2024 00:00:00	8.40	82.60	8.04	13.82		
23-04-2024 00:00:00	8.47	84.13	13.50	11.93		
24-04-2024 00:00:00	8.61	82.48	13.20	21.79		
25-04-2024 00:00:00	8.46	83.66	13.40	17.00		
26-04-2024 00:00:00	8.65	99.25	15.88	10.54		
27-04-2024 00:00:00	8.44	98.81	15.85	5.52		
28-04-2024 00:00:00	8.47	102.59	16.43	7.49		
29-04-2024 00:00:00	8.51	112.06	18.83	7.04		
30-04-2024 00:00:00	8.47	112.31	18.42	6.73		
01-05-2024 00:00:00	8.48	121.72	17.11	6.01		
02-05-2024 00:00:00	8.53	127.01	17.11	6.73		
03-05-2024 00:00:00	8.52	129.63	17.11	12.09		
04-05-2024 00:00:00	8.74 <	125.84 <	17.11 <	4.73 <		
09-05-2024 00:00:00	8.55 <	109.09 <	17.50 <	18.20 <		

**Report Summary**

Average	8.15	82.06	12.86	18.33		
Maximum	8.74	151.40	24.22	83.88		
Minimum	6.96	26.73	4.30	0.00		
Std.Deviation	0.54	30.73	4.92	18.19		
Geom.Mean	8.13	76.01	11.87	10.57		
Median	8.37	80.79	12.63	11.97		
Mode	8.21	92.19	17.11	0.00		
Total Active Duration						