

# SIX MONTHLY COMPLIANCE REPORT

**April 2022 – September 2022**



Prepared by:

**M/S Alpine Distilleries Pvt. Ltd.**

**Vill. – Mahanad, Block – Polba–Dadpur, Polba,  
District – Hoogly, Pin – 712149, West Bengal**

## SIX MONTHLY COMPLIANCE REPORT APRIL 2022 to SEPTEMBER 2022

**Name of the Industry : M/s Alpine Distrillery 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 used only in this 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 attached with coal fired boiler with adequate stack height. The emission from Boiler and D.G. is in the limit of WBPCB and CPCB for all the relevant pollutants. The test report is attached as <b>Annexure – 1</b> .
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 shall be provided at loading and unloading areas to control dust emission. Fugitive emissions in the work zone environment, product, raw materials storage area etc. shall be regularly monitored and record shall be maintained. The emissions shall conform to the limits imposed by West Bengal State Pollution Control Board (WBSPCB).	The necessary measures are already taken care of and it is being strictly followed during operation. The test report is attached as <b>Annexure – 3</b> .
iv	Pucca approach road to project site shall be constructed prior to commencing construction	Approach road will be pitched.

	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.	The DG is provided with adequate stack height. Acoustic enclosures provided.
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> , NOX, CO and HC(Methane) in ambient air shall be monitored and displayed at a convenient location near the main gate of the company and at important public places	The proponent will upload the Compliance status to the website as per direction. The Compliance report is also submitted to the Zonal office of CPCB. The display board for online results is planned to be installed shortly. The AAQ reports are attached <b>Annexure – 2.</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 permission has been obtained for ground water withdrawal from SWID is obtained. <b>See Annexure – 6.</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 quantity will be restricted as per commitment made in EIA.
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 is following Zero liquid discharge protocol, so no effluent from distillery is discharged.
x.	Online continuous monitoring of flow and pollutants in the treatment plant to be installed and monitored by the respective Regional Office of MEF&CC/ SPCB. Data shall be uploaded on the company website or in public domain.	Online continuous monitoring system in the treatment plant is installed.
xi.	Process effluent/ any wastewater shall be allowed to mix with storm water. Storm water drain shall be passed through guard pond.	Storm water and waste water will not be mixed.
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	Necessary quality check of ground water will be done regularly. The piezometer will be installed shortly. The ground water analysis is done and given as <b>Annexure – 4.</b>

	submitted to SPCB and this Ministry. The ground water quality monitoring for pH, BOD , COD Chloride, Sulphate and Total Dissolve Solids shall be monitored and report submitted to the Ministry's Regional Office at Bhubaneswar and WBSPCB.	
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.	Necessary Dryer has been installed as per the requirement.
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.	It is done as per requirement.
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 to fly ash & dust shall be avoided.	Fly ash is stored in a separate earmarked area. Necessary preventive measures are taken to avoid any spreading of Fly ash.
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.	As per norms fire fighting system has been installed.
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 will be carried out shortly.
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.	Occupational health surveillance is done once a year. Beside this all the workers are covered under ESI. <b>See Annexure – 7.</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.
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	Green belt over 33% of the total project area shall be developed within plant as proposed. Necessary planning is done to implement the plan in a phased manner.

	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 satisfactory implemented and a separate budget for implementing the same shall be allocated and information submitted to the Ministry's Regional Office at Bhubaneswar.	All the Commitments given in public hearing will be implemented in phased manner.
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 is earmarked towards the enterprise social commitment during the following financial year.
xxiii.	Provision shall be made for the housing for the construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structure to be removed after the completion of the project. All the construction wastes shall be managed so that there is no impact on the surrounding environment.	The proponent had provided all necessary infrastructure and facilities to the labourers during construction phase as per the condition. Beside this all the directions were followed during construction phase.

**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.	The project authorities will strictly adhere to the stipulations made by the west Bengal state pollution board (WBCPB), state government and any other statutory authority during operation
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 will be no further expansion or modification in the plant carried out without prior approval of the Ministry of environment and Forest.
iii.	The locations of ambient air quality monitoring stations shall be decided in	The location 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.	consultation with the west Bengal state pollution control board (WBCPCB) during operation phase.
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 are within the permissible limit. The test report is attached as <b>Annexure – 5</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.	Rainwater harvesting system will be implemented according to the EIA proposals.
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.	Spillage is avoided and garland drains have been constructed to avoid mixing of accidental spillage with domestic wastewater and strom water drain during transfer of materials.
vii.	Usage of Personnel Protection Equipment by all employees/workers shall be ensured.	Personnel protective equipment has provided to all employees/workers.
viii.	Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemical shall be imparted.	Training shall be imparted to all employees on safety and health aspects of chemicals handling.
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.	The project proponent has implemented all the recommendation made in the EIA/EMP in respect of environmental management, risk mitigation measures and public hearing.
x.	The company shall undertake CSR activities and all relevant measures for improving the socio-economic conditions of the surrounding area.	The company is planning to 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 in the project area for the overall improvement of the environment.	The company has undertaken eco-development measures in order to improve the environment in the project area.

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.	Environmental Management Cell will 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 Forest as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/pollution control measures shall not be diverted for any other purpose.	Sufficient funds have been earmarked for recurring cost per annum to implement the conditions stipulated by the Ministry of Environment and Forest as well as the State Government. The funds are earmarked for environment management/pollution control will 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 the local NGO, if any, from who suggestions/representations, if any, were received while processing the proposal.	It is already complied.
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 submitted to the MoEF and WBPCB.
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 (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Bhopal Regional Officers of MoEF by e-mail.	The environmental statement for each financial year ending 31 <sup>st</sup> March in Form – V is submitted.
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 condition has been followed. <b>See Annexure – 8.</b>

	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.	
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 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 - 9</b> .







# ENVIROCHECK

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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	: 08.09.2022
		Period of Analysis	: 09.09.2022 – 09.09.2022
		Date of Issue	: 10.09.2022
Sampling Plan & Procedure	: ENV/SOP/01	Deviation from the Sampling Method and Plan	: No
		Type of Sample	: Stack Emission
Sample ID No.	: ENV/46A/Sep./A/I	Report No.	: ENV/46A/Sep./TR(A)/1/22-23

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

Stack Attached to	: Boiler	Height of Stack (mtr.) (from G. L.)	: 42.0
Shape of Stack	: Circular	Stack I.D. at sampling point (mtr.)	: 1.25
Materials of Construction	: Concrete	Height of sampling port (mtr.) (from G.L.)	: 20.0
Capacity	: 25 MT/hr. (Running – 20 MT/hr.)	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. RESULT

SL. NO.	PARAMETER	UNIT	METHOD NO.	RESULT	LIMIT
1.	Concentration of O <sub>2</sub>	% (v/v)	IS 13270 1992 RA 2003	: 10.6	N.A.

Remarks : N.A. means Not Available.

Reviewed By :

INDRANI BHATTACHARYA  
Dy. Technical Manager, Chemical

Approved By :

Dr. SUMIT CHOWDHURY  
Technical Manager

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Name of the Industry	: Alpine Distilleries Pvt. Ltd.	Type of Industry	: Distillery
Address	: Mahanad, Polba, Hooghly	Sampling Date	: 08.09.2022
		Period of Analysis	: 09.09.2022 – 09.09.2022
		Date of Issue	: 10.09.2022
Sampling Plan & Procedure	: ENV/SOP/01	Deviation from the Sampling Method and Plan	: No
		Type of Sample	: Stack Emission
Sample ID No.	: ENV/46A/Sep./A/II	Report No.	: ENV/46A/Sep./TR(A)/II/22-23

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

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

### B. RESULTS

SL. NO.	PARAMETERS	UNIT	METHOD NO.	RESULTS	LIMIT
1.	Flue Gas Temperature	°C	IS : 11255 (Part 1)	: 270.0	N.A.
2.	Barometric Pressure	mm of Hg.	--	: 756.0	N.A.
3.	Velocity of Gas flow	m/s	IS : 11255 (Part 3)	: 15.19	N.A.
4.	Quantity of Gas flow	Nm <sup>3</sup> /hr.	IS : 11255 (Part III)	: 527.98	N.A.
5.	Concentration of SO <sub>2</sub>	mg/Nm <sup>3</sup>	IS 11255 (Part 2) 1985 RA 2003	: 71.11	N.A.
6.	Concentration of CO <sub>2</sub>	% (v/v)	IS 13270 1992 RA 2003	: 8.6	N.A.
7.	Concentration of CO	%(v/v)	IS 13270 1992 RA 2003	: <1.0	1.0
8.	Concentration of Particulate Matter	mg/Nm <sup>3</sup>	IS 11255 (Part - 1) 1985 RA 2003 & ASTM D 3685/D 3685M-98 (reapproved 2005) : Sec. 11 (Vol. 3 11.07) : 2011	: 63.26	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.

Reviewed By :

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Dy. Technical Manager, Chemical

Approved By :

Dr. SUMIT CHOWDHURY  
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Annexure - 2

## 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	: 08.09.2022 – 09.09.2022
		Period of Analysis	: 09.09.2022 – 09.09.2022
		Date of Issue	: 10.09.2022
Sampling Plan & Procedure	: ENV/SOP/01	Deviation from the Sampling Method and Plan	: No
		Type of Sample	: Ambient Air
Sample ID No.	: ENV/46A/Sep./A/III	Report No.	: ENV/46A/Sep./TR(A)/III/22-23

### A] GENERAL INFORMATION

1. Location of Sampling : Near Accounts Office
2. Duration of Sampling : 24 hrs. (09:00 a.m. – 09:00 a.m.)

### B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 30.0
2. Average Relative Humidity (%) : 82.0
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>	USEPA 1997a, 40 CFR Part 50, Appendix L : 2006	59.20	60.0
2.	Concentration of PM <sub>10</sub>	µg/m <sup>3</sup>	IS 5182 (PART 23) : 2006	82.51	100.0
3.	Concentration of SO <sub>2</sub>	µg/m <sup>3</sup>	IS 5182 (Part 2) 2001 & ASTM D 2914-01 reapproved 2007: Sec. 11 (Vol. 11.07) : 2011	6.83	80.0
4.	Concentration of NO <sub>2</sub>	µg/m <sup>3</sup>	IS 5182 (Part 6) 2006 & ASTM D 1607-91 reapproved 2005 : Sec 11 (Vol. 11.07) : 2011	26.52	80.0
5.	Concentration of CO	mg/m <sup>3</sup>	IS 5182 (Part 10): 1999 reaffirmed 2005 & ASTM D 3162-94 reapproved 2005 : Sec. 11 (Vol. 11.07) : 2011	0.20	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.  
: N.A. means Not Available.

Reviewed By :

INDRANI BHATTACHARYA  
Dy. Technical Manager, Chemical

Approved By :

Dr. SUMIT CHOWDHURY  
Technical Manager



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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	: 08.09.2022 - 09.09.2022		
		Period of Analysis	: 09.09.2022 - 09.09.2022		
		Date of Issue	: 10.09.2022		
Sampling Plan & Procedure	: ENV/SOP/01	Deviation from the Sampling Method and Plan	: No	Type of Sample	: Ambient Air
Sample ID No.	: ENV/46A/Sep./A/III	Report No.	: ENV/46A/Sep./TR(A)/III/22-23		

### A] GENERAL INFORMATION

1. Location of Sampling : Near Accounts Office
2. Duration of Sampling : 24 hrs. (09:00 a.m. - 09:00 a.m.)

### B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 30.0
2. Average Relative Humidity (%) : 82.0
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	2.80	N.A.

Remarks : N.A. means Not Available.

#### Reviewed By :

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Dy. Technical Manager, Chemical

#### Approved By :

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## TEST REPORT

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Name of the Industry	: Alpine Distilleries Pvt. Ltd.	Type of Industry	: Distillery
Address	: Mahanad, Polba, Hooghly	Sampling Date	: 08.09.2022 – 09.09.2022
		Period of Analysis	: 09.09.2022 – 09.09.2022
		Date of Issue	: 10.09.2022
Sampling Plan & Procedure	: ENV/SOP/01	Deviation from the Sampling Method and Plan	: No
		Type of Sample	: Ambient Air
Sample ID No.	: ENV/46A/Sep./A/IV	Report No.	: ENV/46A/Sep./TR(A)/IV/22-23

### A] GENERAL INFORMATION

1. Location of Sampling : South – West Side of the Plant
2. Duration of Sampling : 24 hrs. (09:30 a.m. – 09:30 a.m.)

### B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 28.0
2. Average Relative Humidity (%) : 82.0
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>	USEPA 1997a, 40 CFR Part 50, Appendix L : 2006	43.58	60.0
2.	Concentration of PM <sub>10</sub>	µg/m <sup>3</sup>	IS 5182 (PART 23) : 2006	76.08	100.0
3.	Concentration of SO <sub>2</sub>	µg/m <sup>3</sup>	IS 5182 (Part 2) 2001 & ASTM D 2914-01 reapproved 2007: Sec. 11 (Vol. 11.07) : 2011	6.23	80.0
4.	Concentration of NO <sub>2</sub>	µg/m <sup>3</sup>	IS 5182 (Part 6) 2006 & ASTM D 1607-91 reapproved 2005 : Sec 11 (Vol. 11.07) : 2011	28.60	80.0
5.	Concentration of CO	mg/m <sup>3</sup>	IS 5182 (Part 10): 1999 reaffirmed 2005 & ASTM D 3162-94 reapproved 2005 : Sec. 11 (Vol. 11.07) : 2011	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.

Reviewed By :

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Name of the Industry	: Alpine Distilleries Pvt. Ltd.	Type of Industry	: Distillery		
Address	: Mahanad, Polba, Hooghly	Sampling Date	: 08.09.2022 - 09.09.2022		
		Period of Analysis	: 09.09.2022 - 09.09.2022		
		Date of Issue	: 10.09.2022		
Sampling Plan & Procedure	: ENV/SOP/01	Deviation from the Sampling Method and Plan	: No	Type of Sample	: Ambient Air
Sample ID No.	: ENV/46A/Sep./A/IV	Report No.	: ENV/46A/Sep./TR(A)/IV/22-23		

### A] GENERAL INFORMATION

1. Location of Sampling : South - West Side of the Plant
2. Duration of Sampling : 24 hrs. (09:30 a.m. - 09:30 a.m.)

### B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 28.0
2. Average Relative Humidity (%) : 82.0
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.

#### Reviewed By :

*Indrani Bhattacharya*

INDRANI BHATTACHARYA  
Dy. Technical Manager, Chemical

#### Approved By :

*Dr. Sumit Chowdhury*

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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	: 08.09.2022 – 09.09.2022
		Period of Analysis	: 09.09.2022 – 09.09.2022
		Date of Issue	: 10.09.2022
Sampling Plan & Procedure	: ENV/SOP/01	Deviation from the Sampling Method and Plan	: No
		Type of Sample	: Ambient Air
Sample ID No.	: ENV/46A/Sep./A/V	Report No.	: ENV/46A/Sep./TR(A)/V/22-23

### A] GENERAL INFORMATION

1. Location of Sampling : South – East Side of the Plant
2. Duration of Sampling : 24 hrs. (10:00 a.m. – 10:00 a.m.)

### B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 28.0
2. Average Relative Humidity (%) : 80.0
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>	USEPA 1997a, 40 CFR Part 50, Appendix L : 2006	49.50	60.0
2.	Concentration of PM <sub>10</sub>	µg/m <sup>3</sup>	IS 5182 (PART 23) : 2006	78.20	100.0
3.	Concentration of SO <sub>2</sub>	µg/m <sup>3</sup>	IS 5182 (Part 2) 2001 & ASTM D 2914-01 reapproved 2007: Sec. 11 (Vol. 11.07) : 2011	5.80	80.0
4.	Concentration of NO <sub>2</sub>	µg/m <sup>3</sup>	IS 5182 (Part 6) 2006 & ASTM D 1607-91 reapproved 2005 : Sec 11 (Vol. 11.07) : 2011	25.0	80.0
5.	Concentration of CO	mg/m <sup>3</sup>	IS 5182 (Part 10): 1999 reaffirmed 2005 & ASTM D 3162-94 reapproved 2005 : Sec. 11 (Vol. 11.07) : 2011	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.

Reviewed By :

INDRANI BHATTACHARYA  
Dy. Technical Manager, Chemical

Approved By :

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



## 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	: 08.09.2022 - 09.09.2022		
		Period of Analysis	: 09.09.2022 - 09.09.2022		
		Date of Issue	: 10.09.2022		
Sampling Plan & Procedure	: ENV/SOP/01	Deviation from the Sampling Method and Plan	: No	Type of Sample	: Ambient Air
Sample ID No.	: ENV/46A/Sep./A/V	Report No.	: ENV/46A/Sep./TR(A)/V/22-23		

### A] GENERAL INFORMATION

1. Location of Sampling : South - East Side of the Plant
2. Duration of Sampling : 24 hrs. (10:00 a.m. - 10:00 a.m.)

### B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 28.0
2. Average Relative Humidity (%) : 80.0
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	1.50	N.A.

Remarks : N.A. means Not Available.

#### Reviewed By :

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#### Approved By :

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Annexure - 3

## 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	: 08.09.2022		
		Period of Analysis	: 09.09.2022 – 09.09.2022		
		Date of Issue	: 10.09.2022		
Sampling Plan & Procedure	: ENV/SOP/01	Deviation from the Sampling Method and Plan	: No	Type of Sample	: Work Zone Air
Sample ID No.	: ENV/46A/Sep./A/VI	Report No.	: ENV/46A/Sep./TR(A)/VI/22-23		

### A] GENERAL INFORMATION

1. Location of Sampling : Inside the Plant
2. Duration of Sampling : 08 hrs. (10:00 a.m. – 06:00 p.m.)

### B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 32.0
2. Average Relative Humidity (%) : 82.0
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>	NIOSH 0500 : 1994	210.48	5000.0

Remarks : Limit as per the Factory Act - 1948.

Reviewed By :

INDRANI BHATTACHARYA  
Dy. Technical Manager, Chemical

Approved By :

Dr. SUMIT CHOWDHURY  
Technical Manager



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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	: 08.09.2022		
		Period of Analysis	: 09.09.2022 – 09.09.2022		
		Date of Issue	: 10.09.2022		
Sampling Plan & Procedure	: ENV/SOP/01	Deviation from the Sampling Method and Plan	: No	Type of Sample	: Work Zone Air
Sample ID No.	: ENV/46A/Sep./A/VI	Report No.	: ENV/46A/Sep./TR(A)/VI/22-23		

### A] GENERAL INFORMATION

1. Location of Sampling : Inside the Plant
2. Duration of Sampling : 08 hrs. (10:00 a.m. – 06:00 p.m.)

### B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 32.0
2. Average Relative Humidity (%) : 82.0
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) 2001 & ASTM D 2914-01 reapproved 2007: Sec. 11 (Vol. 11.07) : 2011	5.42	N.A.
2.	Concentration of NO <sub>2</sub>	µg/m <sup>3</sup>	IS 5182 (Part 6) 2006 & ASTM D 1607-91 reapproved 2005 : Sec. 11 (Vol. 11.07) : 2011	24.92	N.A.

Remarks : N.A. means Not Available.

#### Reviewed By :

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Dy. Technical Manager, Chemical

#### Approved By :

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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	: 08.09.2022		
		Period of Analysis	: 09.09.2022 – 09.09.2022		
		Date of Issue	: 10.09.2022		
Sampling Plan & Procedure	: ENV/SOP/01	Deviation from the Sampling Method and Plan	: No	Type of Sample	: Work Zone Air
Sample ID No.	: ENV/46A/Sep./A/VII	Report No.	: ENV/46A/Sep./TR(A)/VII/22-23		

### A] GENERAL INFORMATION

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

### B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 32.0
2. Average Relative Humidity (%) : 80.0
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>	NIOSH 0500 : 1994	310.58	5000.0

Remarks : Limit as per the Factory Act - 1948.

Reviewed By :

INDRANI BHATTACHARYA  
Dy. Technical Manager, Chemical

Approved By :

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Technical Manager



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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	: 08.09.2022		
		Period of Analysis	: 09.09.2022 – 09.09.2022		
		Date of Issue	: 10.09.2022		
Sampling Plan & Procedure	: ENV/SOP/01	Deviation from the Sampling Method and Plan	: No	Type of Sample	: Work Zone Air
Sample ID No.	: ENV/46A/Sep./A/VII	Report No.	: ENV/46A/Sep./TR(A)/VII/22-23		

### A] GENERAL INFORMATION

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

### B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 32.0
2. Average Relative Humidity (%) : 80.0
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) 2001 & ASTM D 2914-01 reapproved 2007: Sec. 11 (Vol. 11.07) : 2011	6.82	N.A.
2.	Concentration of NO <sub>2</sub>	µg/m <sup>3</sup>	IS 5182 (Part 6) 2006 & ASTM D 1607-91 reapproved 2005 : Sec. 11 (Vol. 11.07) : 2011	26.80	N.A.

Remarks : N.A. means Not Available.

#### Reviewed By :

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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	: 08.09.2022		
		Period of Analysis	: 09.09.2022 – 09.09.2022		
		Date of Issue	: 10.09.2022		
Sampling Plan & Procedure	: ENV/SOP/01	Deviation from the Sampling Method and Plan	: No	Type of Sample	: Work Zone Air
Sample ID No.	: ENV/46A/Sep./A/VIII	Report No.	: ENV/46A/Sep./TR(A)/VIII/22-23		

### A] GENERAL INFORMATION

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

### B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 31.0
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>	NIOSH 0500 : 1994	230.56	5000.0

Remarks : Limit as per the Factory Act - 1948.

#### Reviewed By :

INDRANI BHATTACHARYA  
Dy. Technical Manager, Chemical

#### Approved By :

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Technical Manager



# 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	: 08.09.2022		
		Period of Analysis	: 09.09.2022 – 09.09.2022		
		Date of Issue	: 10.09.2022		
Sampling Plan & Procedure	: ENV/SOP/01	Deviation from the Sampling Method and Plan	: No	Type of Sample	: Work Zone Air
Sample ID No.	: ENV/46A/Sep./A/VIII	Report No.	: ENV/46A/Sep./TR(A)/VIII/22-23		

### A] GENERAL INFORMATION

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

### B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 31.0
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) 2001 & ASTM D 2914-01 reapproved 2007: Sec. 11 (Vol. 11.07) : 2011	7.26	N.A.
2.	Concentration of NO <sub>2</sub>	µg/m <sup>3</sup>	IS 5182 (Part 6) 2006 & ASTM D 1607-91 reapproved 2005 : Sec. 11 (Vol. 11.07) : 2011	30.05	N.A.

Remarks : N.A. means Not Available.

#### Reviewed By :

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#### Approved By :

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Annexure - 4

**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	: 08.09.2022		
		Period of Analysis	: 08.09.2022 – 13.09.2022		
		Date of Issue	: 15.09.2022		
Sampling Plan & Procedure	: ENV/SOP/01	Deviation from the Sampling Method and Plan	: No	Type of Sample	: Effluent Water (Grab)
Location	: Domestic Effluent	Sample ID No.	: ENV/641/Sep./W/M(i)	Report No.	: ENV/641/Sep./TR(W)/M(i)/22-23

SL. NO.	PARAMETERS	TEST METHOD	UNIT	RESULTS	LIMIT
1.	pH	4500 H+B APHA 23 <sup>rd</sup> Edition, 2017	-	6.80	5.5-9.0
2.	Total Suspended Solids	2540 D APHA 23 <sup>rd</sup> Edition, 2017	mg/l	20.0	100.0
3.	Oil & Grease	5520 B/D APHA 23 <sup>rd</sup> Edition, 2017	mg/l	3.0	10.0
4.	Chemical Oxygen Demand	5200 B/C/D APHA 23 <sup>rd</sup> Edition, 2017	mg/l	60.0	250.0
5.	Biochemical Oxygen Demand for 3 days at 27°C	5210 B APHA 23 <sup>rd</sup> Edition, 2017	mg/l	23.0	30.0

Remarks : 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.

**Reviewed By :**

INDRANI BHATTACHARYA  
Dy. Technical Manager, Chemical

**Approved By :**

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Technical Manager





# 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	:	Mahanad, Polba, Hooghly	Sampling Date	:	08.09.2022			
			Period of Analysis	:	08.09.2022 - 13.09.2022			
			Date of Issue	:	15.09.2022			
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 ID No.	:	ENV/641/Oct./W/M(ii)	Report No.	:	ENV/641/Oct./TR(W)/M(ii)/22-23

SL. NO.	PARAMETERS	TEST METHOD	UNIT	RESULTS	LIMIT
1.	pH	4500 H+B APHA 23 <sup>rd</sup> Edition, 2017	-	6.86	5.5-9.0
2.	Total Suspended Solids	2540 D APHA 23 <sup>rd</sup> Edition, 2017	mg/l	30.0	100.0
3.	Oil & Grease	5520 B/D APHA 23 <sup>rd</sup> Edition, 2017	mg/l	4.0	10.0
4.	Chemical Oxygen Demand	5200 B/C/D APHA 23 <sup>rd</sup> Edition, 2017	mg/l	70.0	250.0
5.	Biochemical Oxygen Demand for 3 days at 27°C	5210 B APHA 23 <sup>rd</sup> Edition, 2017	mg/l	25.0	30.0

**Remarks : 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.**

**Reviewed By :**

INDRANI BHATTACHARYA  
Dy. Technical Manager, Chemical

**Approved By :**

Dr. SUMIT CHOWDHURY  
Technical Manager



# ENVIROCHECK

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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	: 08.09.2022		
		Period of Analysis	: 08.09.2022 – 13.09.2022		
		Date of Issue	: 15.09.2022		
Sampling Plan & Procedure	: ENV/SOP/01	Deviation from the Sampling Method and Plan	: No	Type of Sample	: Ground Water
Location	: Borewell – 1	Report No.	: ENV/641A/Oct./TR(W)/M(i)/22-23		

SL. NO.	PARAMETERS	TEST METHOD	UNIT	RESULTS
1.	pH	4500 H+B APHA 23 <sup>rd</sup> Edition, 2017	-	6.80
2.	Total Dissolved Solids	APHA 23 <sup>rd</sup> Ed., 2450 C : 2017	mg/l	710.0
3.	Chloride	APHA 23 <sup>rd</sup> Ed., 4500 Cl-B/D : 2017	mg/l	57.17
4.	Chemical Oxygen Demand	5200 B/C/D APHA 23 <sup>rd</sup> Edition, 2017	mg/l	<5.0
5.	Biochemical Oxygen Demand for 3 days at 27°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	51.80

**Reviewed By :**

INDRANI BHATTACHARYA  
Dy. Technical Manager, Chemical

**Approved By :**

Dr. SUMIT CHOWDHURY  
Technical Manager



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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	: 08.09.2022		
		Period of Analysis	: 08.09.2022 – 13.09.2022		
		Date of Issue	: 15.09.2022		
Sampling Plan & Procedure	: ENV/SOP/01	Deviation from the Sampling Method and Plan	: No	Type of Sample	: Ground Water
Location	: Borewell – 2	Report No.	: ENV/641A/Oct./TR(W)/M(ii)/22-23		

SL. NO.	PARAMETERS	TEST METHOD	UNIT	RESULTS
1.	pH	4500 H+B APHA 23 <sup>rd</sup> Edition, 2017	-	6.82
2.	Total Dissolved Solids	APHA 23 <sup>rd</sup> Ed., 2450 C : 2017	mg/l	680.0
3.	Chloride	APHA 23 <sup>rd</sup> Ed., 4500 Cl-B/D : 2017	mg/l	49.91
4.	Chemical Oxygen Demand	5200 B/C/D APHA 23 <sup>rd</sup> Edition, 2017	mg/l	<5.0
5.	Biochemical Oxygen Demand for 3 days at 27°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	42.80

**Reviewed By :**

INDRANI BHATTACHARYA  
Dy. Technical Manager, Chemical

**Approved By :**

Dr. SUMIT CHOWDHURY  
Technical Manager

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  
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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  
Accredited by NABL (ISO/IEC 17025:2017)  
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	: 08.09.2022		
		Period of Analysis	: 08.09.2022 – 13.09.2022		
		Date of Issue	: 15.09.2022		
Sampling Plan & Procedure	: ENV/SOP/01	Deviation from the Sampling Method and Plan	: No	Type of Sample	: Ground Water
Location	: Borewell – 3	Report No.	: ENV/641A/Oct./TR(W)/M(iii)/22-23		

SL. NO.	PARAMETERS	TEST METHOD	UNIT	RESULTS
1.	pH	4500 H+B APHA 23 <sup>rd</sup> Edition, 2017	-	6.86
2.	Total Dissolved Solids	APHA 23 <sup>rd</sup> Ed., 2450 C : 2017	mg/l	640.0
3.	Chloride	APHA 23 <sup>rd</sup> Ed., 4500 Cl-B/D : 2017	mg/l	46.28
4.	Chemical Oxygen Demand	5200 B/C/D APHA 23 <sup>rd</sup> Edition, 2017	mg/l	<5.0
5.	Biochemical Oxygen Demand for 3 days at 27°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	40.10

**Reviewed By :**

INDRANI BHATTACHARYA  
Dy. Technical Manager, Chemical

**Approved By :**

Dr. SUMIT CHOWDHURY  
Technical Manager



# ENVIROCHECK

Recognised by MoEF&CC, WBPCB & JSPCB  
Accredited by NABL (ISO/IEC 17025:2017)  
Certified by ISO 9001:2015, ISO 14001:2015 & ISO 45001 : 2018



## Annexure - 5

**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/241/M/N	Report ID	: ENV/241/M/(TR)N/22-23
• Date of Study	: 08/09/2022	Reporting Date	: 13/09/2022
• Method No.	: IS 15575 (Part 2), 2022	Time of Duration of Noise	: 20 Minutes
• Sample Monitored by	: Mr. Sujoy 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 Leq dB(A)
1.	South East Side of the Plant	61.2	65.4	63.9	63.4	64.2	64.7	62.9	64.2	65.3	64.9	1:00 – 1:20 P.M (Day Time)	61.2	65.4	64.16	A. Industrial Area (Day Time – 75.0) (Night Time – 70.0)
2.	South West Side of the Plant	62.4	66.8	63.5	63.9	64.1	65.3	66.2	64.8	63.7	62.2	1:30 – 1:50 P.M (Day Time)	62.2	66.8	64.53	B. Commercial Area (Day Time – 65.0) (Night Time – 55.0)
3.	Near Accounts Office	64.8	70.2	63.5	65.6	67.8	63.2	62.8	64.7	65.1	66.3	2:00 – 2:20 P.M (Day Time)	62.8	70.2	66.00	C. Residential Area (Day Time – 55.0) (Night Time – 45.0)
4.	Centre Point of the Plant	68.2	73.4	70.5	70.6	68.5	66.3	64.9	65.1	66.3	63.8	2:30 – 2:50 P.M (Day Time)	63.8	73.4	68.78	D. Silent Zone (Day Time – 50.0) (Night Time – 40.0)

> End of Report <

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

Reviewed By:

Dy. Quality Manager

Approved By:

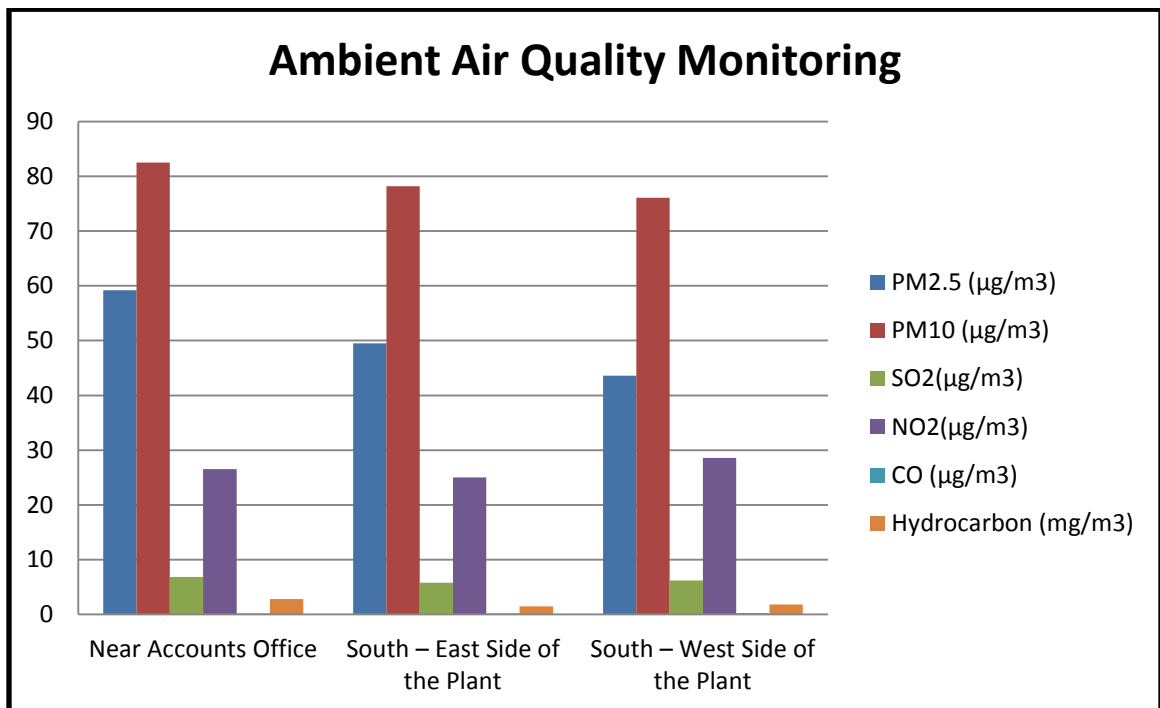
Quality Manager

## DATA INTERPRETATION

### 1. Ambient Air Quality Monitoring

Ambient air quality monitoring has been carried out in the 8<sup>th</sup> September, 2022 in three locations to assess the ambient air quality of Project Site.

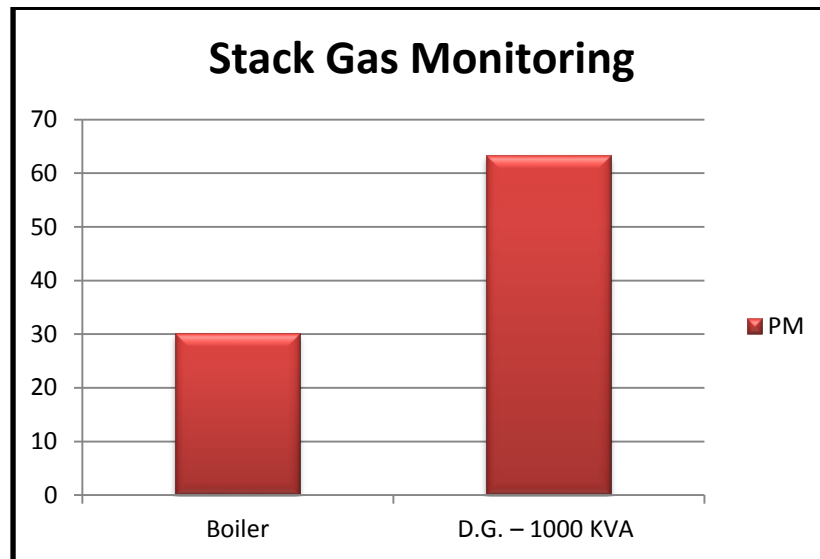
Parameters	Near Accounts Office	South – East Side of the Plant	South – West Side of the Plant
PM <sub>2.5</sub> (µg/m <sup>3</sup> )	59.20	49.50	43.58
PM <sub>10</sub> (µg/m <sup>3</sup> )	82.51	78.20	76.08
SO <sub>2</sub> (µg/m <sup>3</sup> )	6.83	5.80	6.23
NO <sub>2</sub> (µg/m <sup>3</sup> )	26.52	25.0	28.60
CO (µg/m <sup>3</sup> )	0.20	0.18	0.23
Hydrocarbon (mg/m <sup>3</sup> )	2.80	1.50	1.80



## 2. Stack Gas Analysis

The sample was taken on 8<sup>th</sup> September, 2022.

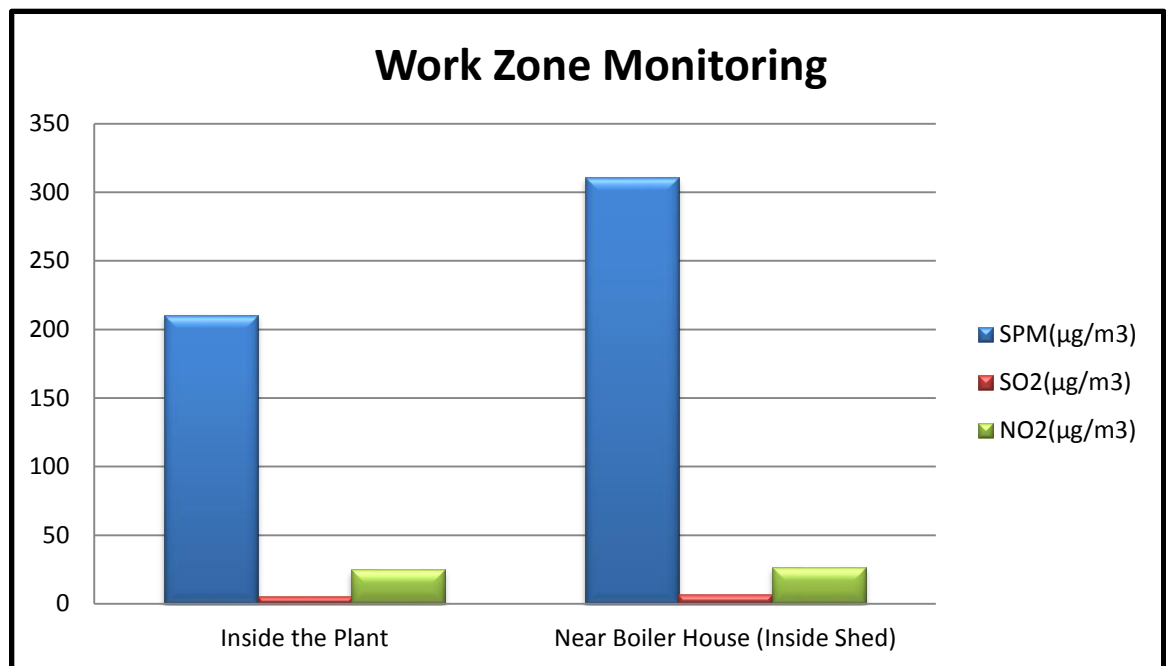
Location Name Parameters	Boiler	D.G. – 1000 KVA
PM (mg/Nm <sup>3</sup> )	30.10	63.26



### 3. Work Zone Air Quality Analysis

The sampling has been carried in 8<sup>th</sup> September, 2022.

Parameters	Inside the Plant	Near Boiler House (Inside Shed)
SPM( $\mu\text{g}/\text{m}^3$ )	210.48	310.58
SO <sub>2</sub> ( $\mu\text{g}/\text{m}^3$ )	5.42	6.82
NO <sub>2</sub> ( $\mu\text{g}/\text{m}^3$ )	24.92	26.80





#### 4. Effluent Water Quality Monitoring

Effluent water sampling date is 08.09.2022.

##### i. Domestic Effluent

Parameters	Results	Limit
pH value	6.80	5.5-9.0
Total Suspended Solids	20.0	100.0
Oil & Grease	3.0	10.0
Chemical Oxygen Demand	60.0	250.0
BOD [3 days, 27°C]	23.0	30.0

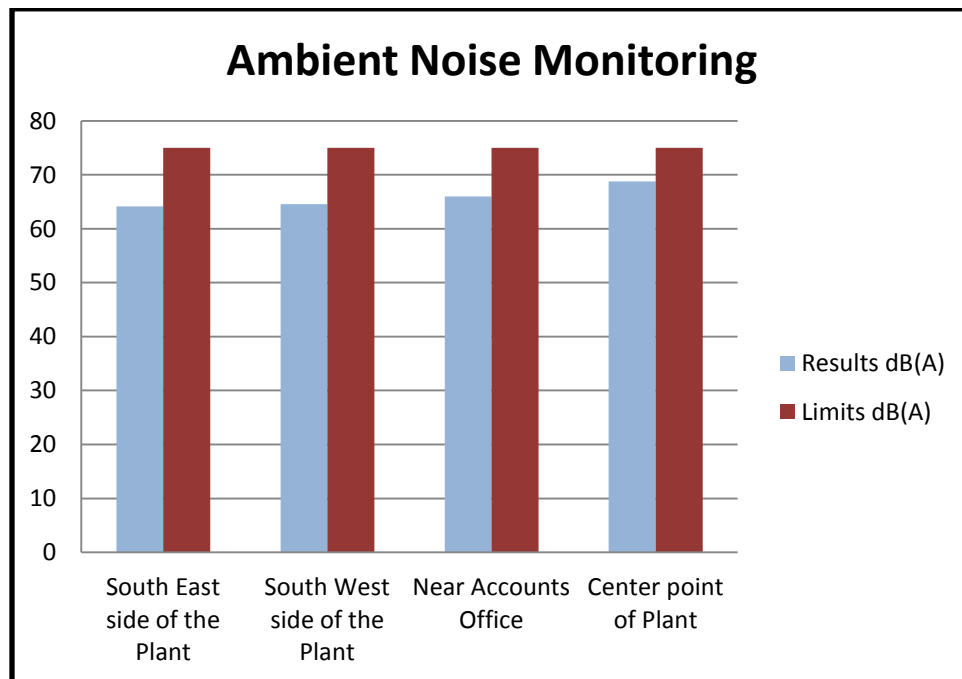
##### ii. E.T.P Outlet

Parameters	Results	Limit
pH value	6.86	5.5-9.0
Total Suspended Solids	30.0	100.0
Oil & Grease	4.0	10.0
Chemical Oxygen Demand	70.0	250.0
BOD [3 days, 27°C]	25.0	30.0

## 5. Ambient Noise Monitoring

On 8<sup>th</sup> September, 2022 Noise sampling has been carried out

Location	DAY TIME	
	Results dB(A)	Limits dB(A)
South East side of the Plant	64.16	75
South West side of the Plant	64.53	75
Near Accounts Office	66.00	75
Center point of Plant	68.78	75



**6. Ground Water Data Analysis :**

Ground water sampling date is 8<sup>th</sup> September, 2022.

i. Borewell – 1

<b>Sl No.</b>	<b>Parameters</b>	<b>Results</b>
1.	pH value	6.80
2.	Total Suspended Solids	710.0
3.	Oil & Grease	57.17
4.	Chemical Oxygen Demand	<5.0
5.	BOD [3 days, 27°C]	<2.0
6.	Sulfate	51.80

ii. Borewell – 2

<b>Sl No.</b>	<b>Parameters</b>	<b>Results</b>
1.	pH value	6.82
2.	Total Suspended Solids	680.0
3.	Oil & Grease	49.91
4.	Chemical Oxygen Demand	<5.0
5.	BOD [3 days, 27°C]	<2.0
6.	Sulfate	42.80

iii. Borewell – 3

<b>Sl No.</b>	<b>Parameters</b>	<b>Results</b>
1.	pH value	6.86
2.	Total Suspended Solids	640.0
3.	Oil & Grease	46.28
4.	Chemical Oxygen Demand	<5.0
5.	BOD [3 days, 27°C]	<2.0
6.	Sulfate	40.10

**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.  
 (b) Son/Daughter of : N.A  
 (c) Address of the applicant : Vill: Mahanad P.O. Mahanad  
 (d) Category of farmer (Please tick) : Small Farmer / Marginal Farmer / Others  
 (in case of irrigation well)  
 (e) Serial No. of application Form : 024, 29.10.10.  
 and date of submission  
 (f) Specimen signature of the user : S. Mukherjee
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 : ChinsurahDate : 22-12-10

Member Secretary  
 Monthly District Level  
 Ground Water Resources  
 Department  
 Chinsurah

OFFICE  
SEALChandana 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  
 Ground Water Resources  
 Department  
 Chinsurah

OFFICE  
SEALCERTIFIED  
TRUE COPY



# Employees' State Insurance Corporation

Annexure - 7

Contribution History Of 41410508050011002 for Sep2022

Total IP Contribution		Total Employer Contribution		Total Contribution	Total Government Contribution		Total Monthly Wages
10,278.00		44,193.00		54,471.00	0.00		1,359,760.00
SNo.	Is Disable	IP Number	IP Name	No. Of Days	Total Wages	IP Contribution	Reason
1	-	4116680955	ADHIR KUMAR KHAMARU	30	19477.00	147.00	-
2	-	4118066144	AJAY KUMAR	0	0.00	0.00	On Leave
3	-	4118234830	AJAY THAKUR	0	0.00	0.00	On Leave
4	-	4116675214	ALPONA BAULDAS	15	4800.00	36.00	-
5	-	4118067283	AMAN KUMAR	0	0.00	0.00	On Leave
6	-	4118061461	AMIT KUMAR THAKUR	0	0.00	0.00	On Leave
7	-	4118518714	ANAND PRAJAPATI	30	18665.00	140.00	-
8	-	4114846185	ANIMA HEMBRAM	0	0.00	0.00	On Leave
9	-	4116676781	ANIMA MANDI	11	3520.00	27.00	-
10	-	4116676074	ANIMA ROY	0	0.00	0.00	On Leave
11	-	4116677067	ANIMA SAMADDAR	12	3840.00	29.00	-
12	-	4114846204	ANITA CHOWDHURY	9	2880.00	22.00	-
13	-	4114846457	ANITA GHOSH	16	5120.00	39.00	-
14	-	4116678609	ANITA SAREN	0	0.00	0.00	On Leave
15	-	4118332772	ANKAN GHOSH	0	0.00	0.00	On Leave
16	-	4118061505	ANKIT KUMAR	0	0.00	0.00	On Leave
17	-	4116724707	AROTI RAY	12	3840.00	29.00	-
18	-	4116097250	ARUP KUMAR MAITY	0	0.00	0.00	On Leave
19	-	4116715192	ARUP ANTIM MAJUMDAR	0	0.00	0.00	On Leave

9:04:52PM

SNo.	Is Disable	IP Number	IP Name	No. Of Days	Total Wages	IP Contribution	Reason
20	-	4118065307	AVADESH KUMAR	30	18992.00	143.00	-
21	-	4117092024	BANI SAMANTA	14	4480.00	34.00	-
22	-	4116725845	BASANTI HANSDA	10	3200.00	24.00	-
23	-	4116751168	BASANTI HANSDA	14	4480.00	34.00	-
24	-	4116683623	BELA HANSDA	0	0.00	0.00	On Leave
25	-	4112737793	BHAJAN PASWAN	30	16307.00	123.00	-
26	-	4116715250	BIJENDRA KUMAR	0	0.00	0.00	On Leave
27	-	4114756387	BISWAJIT DUTTA ROY	30	20090.00	151.00	-
28	-	4115433614	BISWAJIT SADHUKHAN	0	0.00	0.00	On Leave
29	-	4118118909	BRIJESH KUMAR	0	0.00	0.00	On Leave
30	-	4114846199	BUDU MANDI	12	3840.00	29.00	-
31	-	4114859110	CHAMPA BIBI	12	3840.00	29.00	-
32	-	4118061411	CHANDAN KUMAR	0	0.00	0.00	On Leave
33	-	4116751169	CHANDANA BAURI	0	0.00	0.00	On Leave
34	-	4116683635	CHANDANA DEBNATH	15	4800.00	36.00	-
35	-	4114846171	CHANDANI KISKU	12	3840.00	29.00	-
36	-	4118234600	CHANDRABHAN SINGH	0	0.00	0.00	On Leave
37	-	4116813383	CHANDRAMA TIWARI	0	0.00	0.00	On Leave
38	-	4114255665	DAROGA PASWAN	30	16763.00	126.00	-
39	-	4116724675	DEBASHRI BERA	14	4480.00	34.00	-
40	-	4116751176	DEBNATH MURMU	30	8090.00	61.00	-
41	-	4118518840	DEEPAK KUMAR YADAV	30	19565.00	147.00	-
42	-	1508406738	DEEPAK SHARMA	0	0.00	0.00	On Leave
43	-	4118234730	DHANESH KUMAR	0	0.00	0.00	On Leave
44	-	4118114995	DHARMENDRA KUMAR	0	0.00	0.00	On Leave
45	-	4118234766	DINESH SINGH	30	20450.00	154.00	-
46	-	4118066811	DINESH YADAV	0	0.00	0.00	On Leave
47	-	4117091959	DIPA MUNDA	15	4800.00	36.00	-
48	-	4116725318	DIPALI MURMU	15	4800.00	36.00	-

9:04:52PM

SNo.	Is Disable	IP Number	IP Name	No. Of Days	Total Wages	IP Contribution	Reason
49	-	4118065350	DIPANJAN DATTA	30	16575.00	125.00	-
50	-	4114846150	DULARI HANSDA	12	3840.00	29.00	-
51	-	4116725732	DURGA MURMU HANSDA	7	2240.00	17.00	-
52	-	4116676758	FULMONI HEMBRAM	0	0.00	0.00	On Leave
53	-	4114859122	FULMONI MURMU	13	4160.00	32.00	-
54	-	4118061379	GAURI SHANKAR THAKUR	0	0.00	0.00	On Leave
55	-	4116677085	GEETA TUDU	11	3520.00	27.00	-
56	-	4116750968	GITA HEMBRAM	14	4480.00	34.00	-
57	-	4118518741	GOBINDA GHOSH	30	11092.00	84.00	-
58	-	4114846236	JAMUNA SANTRA	7	2240.00	17.00	-
59	-	4116675639	JAMUNA SAREN	16	5120.00	39.00	-
60	-	4020261339	JAYA GHOSH	0	0.00	0.00	On Leave
61	-	4116521520	JAYA RAY	0	0.00	0.00	On Leave
62	-	4114859113	JAYANTI ADAK	12	3840.00	29.00	-
63	-	4116646528	JHARNA MURMU	16	5120.00	39.00	-
64	-	4116751163	JHARNA MURMU	15	4800.00	36.00	-
65	-	4116676900	JHARNA ROY	15	4800.00	36.00	-
66	-	4116675980	JHUMPA BAULDAS	12	3840.00	29.00	-
67	-	4116677028	JHUMPA BAULDAS	0	0.00	0.00	On Leave
68	-	4117589878	JHUMPA PATRA	13	4160.00	32.00	-
69	-	4116725357	JHUMPA ROY	12	3840.00	29.00	-
70	-	4116715255	JOGINDRA SAH	0	0.00	0.00	On Leave
71	-	4116646588	JOYMALA HEMBRAM	15	4800.00	36.00	-
72	-	4116725659	JYOTSNA BAULDAS	13	4160.00	32.00	-
73	-	4114846228	JYOTSNA HEMBRAM	0	0.00	0.00	On Leave
74	-	4116683152	KABITA PAL	11	3520.00	27.00	-
75	-	4116725388	KABITA SAREN	16	5120.00	39.00	-
76	-	4116844042	KAKALI DAS	0	0.00	0.00	On Leave
77	-	4116683418	KAKALI KISKU	14	4480.00	34.00	-

9:04:52PM



SNo.	Is Disable	IP Number	IP Name	No. Of Days	Total Wages	IP Contribution	Reason
78	-	4116678585	KAKALI MONDAL	13	4160.00	32.00	-
79	-	4114846224	KAKALI MURMU	13	4160.00	32.00	-
80	-	4116725704	KANIKA KOLEY	0	0.00	0.00	On Leave
81	-	4114817794	KARTICK HORIJAN	26	8813.00	67.00	-
82	-	4118034338	KARTIK ADAK	0	0.00	0.00	On Leave
83	-	4118034339	KARTIK SARKAR	0	0.00	0.00	On Leave
84	-	4118193196	KARTIK SARKAR	30	11092.00	84.00	-
85	-	4116725854	KHUKUMANI BAULDAS	16	5120.00	39.00	-
86	-	4116724684	KHUKUMANI PAUL	0	0.00	0.00	On Leave
87	-	4116962860	KOBITA MUNDA SING	14	4480.00	34.00	-
88	-	4118053056	KRASHN MURARI	0	0.00	0.00	On Leave
89	-	4116725397	KRISHNA BAUL DAS	15	4800.00	36.00	-
90	-	4118519244	KRISHNA MISHRA	30	14906.00	112.00	-
91	-	4116751077	KRISHNA PAKIRA	12	3840.00	29.00	-
92	-	4116675990	KRISHNA ROY	10	3200.00	24.00	-
93	-	4118521381	KULDEEP SEHRA	30	14888.00	112.00	-
94	-	4116678632	KUMKUM KAR	14	4480.00	34.00	-
95	-	4114846458	KUNDAN KUMAR	0	0.00	0.00	On Leave
96	-	4116683642	LABANI DAS	0	0.00	0.00	On Leave
97	-	4116576635	LABONI MURMU	14	4480.00	34.00	-
98	-	4116724646	LAKSHMI BAG	0	0.00	0.00	On Leave
99	-	4116646683	LAKSHMIMANI SOREN	14	4480.00	34.00	-
100	-	4118234803	LALIT KUMAR SINGH	30	19336.00	146.00	-
101	-	4116646699	LALLU DHAPRA	0	0.00	0.00	On Leave
102	-	4116715203	LALU RAM	0	0.00	0.00	On Leave
103	-	4116725807	LAXMI HANSDA	15	4800.00	36.00	-
104	-	4114859121	LILU PAL MAJHI	4	1440.00	11.00	-
105	-	4116675963	LIPIKA BARUI	11	3520.00	27.00	-
106	-	4116676085	MADHABI SAREN	10	3360.00	26.00	-

9:04:52PM

SNo.	Is Disable	IP Number	IP Name	No. Of Days	Total Wages	IP Contribution	Reason
107	-	4116725875	MADHABI SAREN	14	4480.00	34.00	-
108	-	4116725686	MADHO HANSDA	14	4480.00	34.00	-
109	-	4116675226	MADHUMITA KHAMARU	15	4800.00	36.00	-
110	-	4116678593	MALA DUTTA	14	4480.00	34.00	-
111	-	4116751160	MALINA SAREN	15	4800.00	36.00	-
112	-	4116725864	MAMANI MURMU	15	4800.00	36.00	-
113	-	4116683037	MAMANI RUIDAS	10	3200.00	24.00	-
114	-	4116675401	MAMATA PAUL	10	3200.00	24.00	-
115	-	4116675987	MAMONI ROY KARMAKAR	11	3520.00	27.00	-
116	-	4116724706	MAMONI SOREN	0	0.00	0.00	On Leave
117	-	4116751155	MAMONI TUDU	0	0.00	0.00	On Leave
118	-	4116788142	MANDIRA MANDI	14	4320.00	33.00	-
119	-	4118066314	MANI SHANKAR SINGH	0	0.00	0.00	On Leave
120	-	4116750958	MANIKA SAREN	10	3200.00	24.00	-
121	-	4116675376	MANIKA SEN	10	3200.00	24.00	-
122	-	4116724667	MANISHA HANSDA	13	4160.00	32.00	-
123	-	4116663515	MANJOY BAULDAS	27	8023.00	61.00	-
124	-	4116724708	MANJU BAUL DAS	14	4480.00	34.00	-
125	-	4116725624	MANJU BAUL DAS	14	4480.00	34.00	-
126	-	4116675622	MANJU SAMADDAR	14	4480.00	34.00	-
127	-	4116676847	MAYA DAS	9	2880.00	22.00	-
128	-	4116751171	MAYNA HANSDA	15	4800.00	36.00	-
129	-	4116725834	MAYNA MANDI	15	4800.00	36.00	-
130	-	4116725934	MINA BAULDAS	0	0.00	0.00	On Leave
131	-	4116646704	MINOTI SAREN	11	3520.00	27.00	-
132	-	4116677037	MITA BAG	0	0.00	0.00	On Leave
133	-	4116678619	MITA BAULDAS	8	2560.00	20.00	-
134	-	4116751085	MITHU HANSDA	12	3840.00	29.00	-
135	-	4118067263	MOHIT KUMAR BHARTI	0	0.00	0.00	On Leave

9:04:52PM

SNo.	Is Disable	IP Number	IP Name	No. Of Days	Total Wages	IP Contribution	Reason
136	-	4114846174	MONIMALA DAS	14	4480.00	34.00	-
137	-	4116683013	MOUMITA MONDAL	14	4480.00	34.00	-
138	-	4116676072	MOUSUMI BAULDAS	12	3840.00	29.00	-
139	-	4116683432	MOUSUMI DESHMUKH	0	0.00	0.00	On Leave
140	-	4116675359	MOUSUMI KAR	10	3200.00	24.00	-
141	-	4118067278	MUKESH KUMAR	0	0.00	0.00	On Leave
142	-	4116724550	MUNMUN DAS	12	3840.00	29.00	-
143	-	4115043116	NABA KUMAR GOSWAMI	0	0.00	0.00	On Leave
144	-	4116683142	NARGIS KHATUN	14	4480.00	34.00	-
145	-	4114975544	NASIR KHAN	28	9472.00	72.00	-
146	-	4118056409	NILESH KUMAR	0	0.00	0.00	On Leave
147	-	4116677050	NILIMA BAULDAS	0	0.00	0.00	On Leave
148	-	4116751071	NILIMA BAULDAS	14	4480.00	34.00	-
149	-	4116715285	NIRAJ KUMAR SINGH	0	0.00	0.00	On Leave
150	-	4116479950	NITU MANDI	30	10070.00	76.00	-
151	-	4116751151	PADMA MANDI	0	0.00	0.00	On Leave
152	-	4114846162	PAMPA KEORA	14	4480.00	34.00	-
153	-	4116788113	PAMPA PRAMANIK	14	4480.00	34.00	-
154	-	4114846453	PANMONI MURMU	21	6720.00	51.00	-
155	-	4116675649	PAPIYA MALIK MAJHI	0	0.00	0.00	On Leave
156	-	4117014308	PARBATI HANSDA	15	4800.00	36.00	-
157	-	4116675619	PARBATI HEMBRAM	12	3840.00	29.00	-
158	-	4116576640	PARBATI KISKU	14	4480.00	34.00	-
159	-	4116725715	PARBATI KISKU	14	4480.00	34.00	-
160	-	4116683394	PARBATI ROY	14	4480.00	34.00	-
161	-	4117984960	PAWAN THAKUR	30	15013.00	113.00	-
162	-	4117158338	PRADIP KUMAR GHOSH	30	21750.00	164.00	-
163	-	4115924103	PRAMOD SAH	30	13184.00	99.00	-
164	-	4114846222	PRATIMA HANSDA	13	4160.00	32.00	-

9:04:52PM

SNo.	Is Disable	IP Number	IP Name	No. Of Days	Total Wages	IP Contribution	Reason
165	-	4116725784	PRATIMA HEMBRAM	15	4800.00	36.00	-
166	-	4116482309	PRATIMA MURMU	0	0.00	0.00	On Leave
167	-	4118115054	PRAYAG KUMAR YADAV	30	17500.00	132.00	-
168	-	4118071445	PRINCE KUMAR JHA	0	0.00	0.00	On Leave
169	-	4116751174	PRITI SAREN	0	0.00	0.00	On Leave
170	-	4116675967	PRIYANKA MAJHI	15	4800.00	36.00	-
171	-	4114846451	PRMILA MURMU	0	0.00	0.00	On Leave
172	-	4116617563	PROVAT GHOSH	0	0.00	0.00	On Leave
173	-	4117677595	PUJA BESRA	8	2560.00	20.00	-
174	-	4116751083	PURNIMA BAULDAS	0	0.00	0.00	On Leave
175	-	4116675974	PURNIMA HANSDA	12	3680.00	28.00	-
176	-	4116676801	PURNIMA MONDAL	13	4160.00	32.00	-
177	-	4118332840	PURNIMA PATRA	0	0.00	0.00	On Leave
178	-	4118062326	PURUSHOTTAM THAKUR	0	0.00	0.00	On Leave
179	-	4116521529	RABIN MAJUMDER	0	0.00	0.00	On Leave
180	-	4116646642	RABINDRA KUMAR	29	13430.00	101.00	-
181	-	4114846179	RACHANA MALIK	15	4800.00	36.00	-
182	-	4118518865	RAHUL KUMAR PRAJAPATI	30	17689.00	133.00	-
183	-	4115433628	RAJAN PASWAN	0	0.00	0.00	On Leave
184	-	4116676925	RAJIA BIBI	15	4800.00	36.00	-
185	-	4116683639	RAMA BAULDAS	9	2880.00	22.00	-
186	-	4116675239	RANI BAULDAS	11	3520.00	27.00	-
187	-	4118054746	RANJAY KUMAR	0	0.00	0.00	On Leave
188	-	4116751173	REBA SHARMA	0	0.00	0.00	On Leave
189	-	4116675959	REKHA BAULDAS	7	2240.00	17.00	-
190	-	4116677010	REKHA RAY PAL	13	4160.00	32.00	-
191	-	4116683412	REKHA SANTRA	0	0.00	0.00	On Leave
192	-	4116683646	RINA HANSDA	14	4480.00	34.00	-
193	-	4116725341	RITA BAULDAS	13	4160.00	32.00	-

9:04:52PM

SNo.	Is Disable	IP Number	IP Name	No. Of Days	Total Wages	IP Contribution	Reason
194	-	4116678613	RITA MONDAL	19	6080.00	46.00	-
195	-	4118332820	RITALI HANSDA	0	0.00	0.00	On Leave
196	-	4118234656	RITIK KUMAR	0	0.00	0.00	On Leave
197	-	4113420370	ROBIN PANJA	0	0.00	0.00	On Leave
198	-	4116481476	ROHIT KUMAR	30	14472.00	109.00	-
199	-	4118518911	ROHIT KUMAR OJHA	30	11173.00	84.00	-
200	-	4118065320	ROUF MALLICK	0	0.00	0.00	On Leave
201	-	4117680273	RUMA KISKU	10	3200.00	24.00	-
202	-	4116646667	RUNU ADAK	30	10438.00	79.00	-
203	-	4114817812	RUNU DAS	28	8960.00	68.00	-
204	-	4116683648	RUPA MALIK	13	4160.00	32.00	-
205	-	4116683404	RUPA ROY	14	4480.00	34.00	-
206	-	4117241414	RUPALI HANSDA	10	3200.00	24.00	-
207	-	4116725823	RUPALI MANDI	14	4480.00	34.00	-
208	-	4116803461	RUPALI SAREN	12	3840.00	29.00	-
209	-	4114660135	RUPATAN TUDU	30	11438.00	86.00	-
210	-	4116750966	SABITA MAJHI	13	4160.00	32.00	-
211	-	4118235194	SACHIN KUMAR	0	0.00	0.00	On Leave
212	-	4116679080	SADHANA KARMAKAR	0	0.00	0.00	On Leave
213	-	4116724606	SANDIPA MONDAL	12	3840.00	29.00	-
214	-	4118519253	SANJAY SINGH	30	18527.00	139.00	-
215	-	4113806367	SANJOY CHATTOPADHYAY	0	0.00	0.00	On Leave
216	-	4118056277	SANTOSH KUMAR	30	21000.00	158.00	-
217	-	4118235143	SANTOSH KUMAR	0	0.00	0.00	On Leave
218	-	4118071533	SANTOSH THAKUR	30	16000.00	120.00	-
219	-	4116750960	SARASWATI HARIJAN	16	5280.00	40.00	-
220	-	4116676082	SARASWATI HEMBRAM	15	4800.00	36.00	-
221	-	4114846214	SARASWATI MURMU	13	4160.00	32.00	-
222	-	4118027720	SARBAJIT NAYEK	30	13184.00	99.00	-

9:04:52PM

SNo.	Is Disable	IP Number	IP Name	No. Of Days	Total Wages	IP Contribution	Reason
223	-	4116576656	SARIFA BIBI	9	2880.00	22.00	-
224	-	4118519240	SATYENDRA YADAV	30	19552.00	147.00	-
225	-	4116716780	SAYAN CHAKRABORTY	0	0.00	0.00	On Leave
226	-	4116724686	SEFALI HANSDA	13	4160.00	32.00	-
227	-	4116676092	SERINA BIBI	0	0.00	0.00	On Leave
228	-	4115434211	shashi bhushan kumar	30	16774.00	126.00	-
229	-	4117014353	SHASHIKANT SINGH	29	13526.00	102.00	-
230	-	4116676076	SHEFALI MURMU	14	4480.00	34.00	-
231	-	4116683124	SHIKHA BAULDAS	8	2560.00	20.00	-
232	-	4116683625	SHIKHA SOREN	14	4480.00	34.00	-
233	-	4116678294	SHILPI BHAWAL	15	4800.00	36.00	-
234	-	4117092042	SHIRAMONI MURMU	12	3840.00	29.00	-
235	-	4118053048	SHIV POOJAN SINGH	0	0.00	0.00	On Leave
236	-	4116676878	SHRABANTI MANDI	16	5120.00	39.00	-
237	-	4116751080	SHRIMATI KISKU	0	0.00	0.00	On Leave
238	-	4118332760	SHYAMAL MURMU	28	8519.00	64.00	-
239	-	4116576662	SHYAMALI MURMU	14	4480.00	34.00	-
240	-	4117241402	SIDHURAM HANSDA	30	8676.00	66.00	-
241	-	4118332782	SILPA MAJHI	0	0.00	0.00	On Leave
242	-	4116675390	SIMA KAR	14	4480.00	34.00	-
243	-	4116932261	SIMA MAJHI	8	2560.00	20.00	-
244	-	4116676836	SIMA MONDAL	0	0.00	0.00	On Leave
245	-	4114846167	SOMA MAJHI	13	4160.00	32.00	-
246	-	4116678615	SOMA ROY	14	4480.00	34.00	-
247	-	4116724535	SOMA ROY	11	3520.00	27.00	-
248	-	4114846452	SONALI DAS	13	4160.00	32.00	-
249	-	4116751162	SONAMONI KISKU	0	0.00	0.00	On Leave
250	-	4118192690	SOUREN DUTTA	30	11092.00	84.00	-
251	-	4118190923	SOUVIK KHANRA	30	11092.00	84.00	-

9:04:52PM

SNo.	Is Disable	IP Number	IP Name	No. Of Days	Total Wages	IP Contribution	Reason
252	-	4114240749	SUBHAJIT GHOSH	30	19224.00	145.00	-
253	-	4115433643	SUBRATA DAS	30	14230.00	107.00	-
254	-	4116679142	SUDHIR SAH	28	12997.00	98.00	-
255	-	4114846456	SUFIA KHATUN	0	0.00	0.00	On Leave
256	-	4116725105	SUJAY KUMAR CHOUDHARY	30	18725.00	141.00	-
257	-	4020230125	SUKAMAL BISWAS	30	16863.00	127.00	-
258	-	4118234628	SUKDEB PATRA	30	18230.00	137.00	-
259	-	4116675954	SUKLA MAJHI	0	0.00	0.00	On Leave
260	-	4114846142	SUKUMONI MANDI	0	0.00	0.00	On Leave
261	-	4116675628	SUMI HEMBRAM	11	3520.00	27.00	-
262	-	4118518827	SUMIT KUMAR BHARTI	0	0.00	0.00	On Leave
263	-	4114144493	SUMIT DAS	0	0.00	0.00	On Leave
264	-	4114860227	SUMITA CHOWDHURY	14	4320.00	33.00	-
265	-	4114860210	SUMITA HANSDA	12	3840.00	29.00	-
266	-	4114860233	SUMITA TUDU	12	3840.00	29.00	-
267	-	4114860215	SUMITRA BAUL DAS	14	4480.00	34.00	-
268	-	4116751067	SUMITRA MURMU	13	4160.00	32.00	-
269	-	4117241391	SUMITRA HANSDA	8	2560.00	20.00	-
270	-	4116724618	SUMITRA MALIK	13	4160.00	32.00	-
271	-	4116675254	SUMITRA MURMU	15	4800.00	36.00	-
272	-	4116676080	SUNANDITA DAS	13	4160.00	32.00	-
273	-	4116724588	SUPARNA DAS	14	4480.00	34.00	-
274	-	4116683643	SUPRIYA MONDAL	15	4800.00	36.00	-
275	-	4116675277	SURAVI ROY	0	0.00	0.00	On Leave
276	-	4116724564	SUSAMA NAYEK	15	4800.00	36.00	-
277	-	4116676075	SUSMITA DAS	14	4480.00	34.00	-
278	-	4116805500	SUUNITA DHARA	0	0.00	0.00	On Leave
279	-	4116683089	SWAPNA BRAHMA	9	2880.00	22.00	-
280	-	4118192517	TAMAL ROY	30	17544.00	132.00	-

9:04:52PM

SNo.	Is Disable	IP Number	IP Name	No. Of Days	Total Wages	IP Contribution	Reason
281	-	4115043172	TAPAS DAS	30	10436.00	79.00	-
282	-	4116678601	TRIPTI KUNDU	0	0.00	0.00	On Leave
283	-	4116751158	TUMPA SOREN	12	3840.00	29.00	-
284	-	4116750963	UPAL TUDU	14	4480.00	34.00	-
285	-	4116683630	URMILA DUTTA	9	2880.00	22.00	-
286	-	4116646686	VALAMIKI MAHATO	0	0.00	0.00	On Leave
287	-	4118071403	VIJAY SANKAR	0	0.00	0.00	On Leave
288	-	4118066112	VIRENDRA KUMAR YADAV	30	19336.00	146.00	-
289	-	4118067247	VISHAL RAJ	0	0.00	0.00	On Leave
290	-	4117241361	MD WASIM KHAN	0	0.00	0.00	On Leave
291	-	3910577824	JATIN SHARMA	0	0.00	0.00	On Leave
292	-	4118067270	VIPIN KUMAR	0	0.00	0.00	On Leave
293	-	4118115216	CHANDAN KUMAR GIRI	0	0.00	0.00	On Leave
294	-	4118193706	BISWAJIT PAL	0	0.00	0.00	On Leave
295	-	4118518807	SURESH MURTI	0	0.00	0.00	On Leave
296	-	4118598555	SAURAV KUMAR	30	21000.00	158.00	-

9:04:52PM





# Employees' State Insurance Corporation

Contribution History Of 41000508050001002 for Sep2022

Total IP Contribution		Total Employer Contribution		Total Contribution	Total Government Contribution		Total Monthly Wages
498.00		2,150.00		2,648.00	0.00		66,128.00
SNo.	Is Disable	IP Number	IP Name	No. Of Days	Total Wages	IP Contribution	Reason
1	-	4115433614	BISWAJIT SADHUKHAN	30	13615.00	103.00	-
2	-	4114756392	CHINMOY CHATTOPADHYAY	30	19174.00	144.00	-
3	-	4117015822	MANISH KUMAR	29	14882.00	112.00	-
4	-	4113805473	UMESH KUMAR BHAGAT	30	18457.00	139.00	-

9:08:35PM

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.

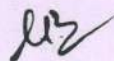
7.0 Based on the information submitted by the project proponent, the Ministry of Environment, Forests and Climate Change hereby accords environmental clearance to above project under the provisions of EIA Notification dated 14<sup>th</sup> September 2006, subject to the compliance of the following Specific 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 alongwith the storm water. Direct exposure of workers to fly ash & dust shall be avoided.
- xvi) Fire fighting system shall be as per norms and cover all areas where alcohol is produced, handled and stored. Provision of foam system for fire fighting shall be made to control fire from the alcohol storage tank.
- xvii) Risk Assessment shall be carried to assess the fire and explosion risk due to storage of alcohol and report submitted to the Ministry and its Regional Office at Bangalore within six months.
- xviii) Occupational health surveillance programme shall be undertaken as regular exercise for all the employees. The first aid facilities in the occupational health centre shall be strengthened and the regular medical test records of each employee shall be maintained separately.
- xix) Dedicated parking facility for loading and unloading of material shall be provided in the factory premises. Unit shall develop and implement good traffic management system for their incoming and outgoing vehicles to avoid congestion on the public road.



- xx) As proposed, green belt over 33 % of the total project area shall be developed within plant premises with at least 10 meter wide green belt on all sides along the periphery of the project area, in downward direction, and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the DFO.
- xxi) All the commitment made regarding issues raised during the Public Hearing/consultation meeting held on 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, Chandrashekharapur, 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







# WEST BENGAL POLLUTION CONTROL BOARD

'Paribesh Bhawan'

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

Salt Lake City, Kolkata-700 098



Annexure - 9

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 Panchayat 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.

  
Environmental Engineer  
West Bengal Pollution Control Board

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



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 IMFL (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 (Pt. I) of 1974, and/or its subsequent amendment and Environment (Protection) Rules 1986.
2. Suitable measures to treat your effluent shall be adopted by you in order to reduce the 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 :-

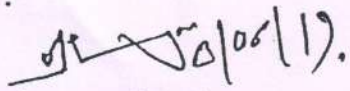
- 1) Process / wash - to be discharged to panchayet drain through ETP, as proposed.
- 2) Domestic - to be discharged through septic tank to panchayet drain.

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

# PICTORIAL EVIDENCE

## AMBIENT AIR QUALITY MONITORING



# STACK GAS MONITORING

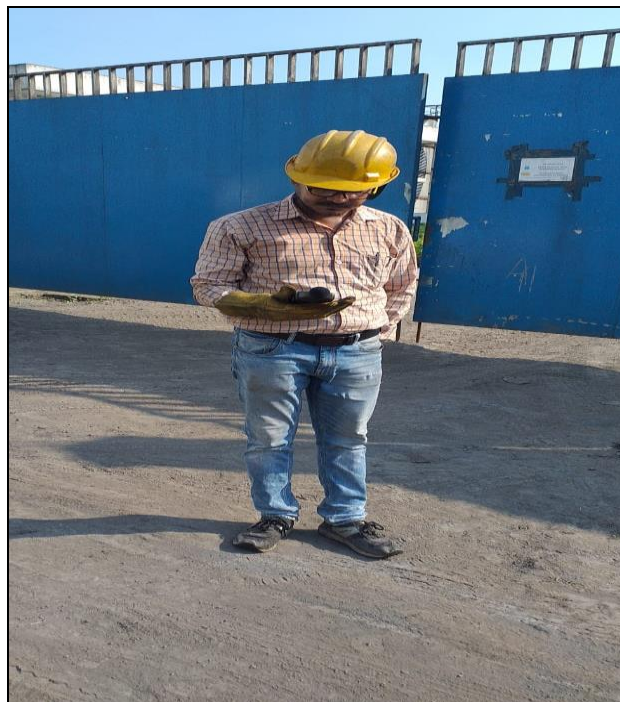
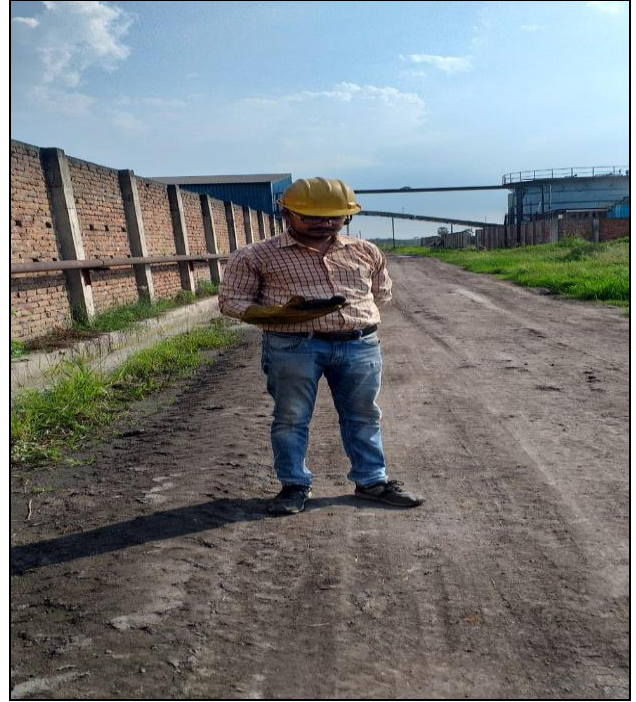


# Work Zone Monitoring



Inside of tha plant

# NOISE MONITORING



# WATER MONITORING





# Green Belt



# Other Pictures

