



To

The Member Secretary  
West Bengal Pollution Control Board  
Paribesh Bhawan, 10A, Block – LA,  
Sector – III, Bidhannagar,  
Kolkata – 700106

Date: 22-12-2025

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

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

**COMPLIANCE PERIOD:** April 2025 to September 2025.

**Subject: Submission of Six-Monthly Compliance Report for the period of April 2025 to September 2025.**

Sir,

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

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

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

Thanking you

Yours truly,

**For Alpine Distilleries Pvt. Ltd.**

*Debraj Mukherjee*



**Alpine Distilleries Pvt. Ltd.**  
CIN U51909WB2002PTC095415  
**Debraj Mukherjee**  
**Managing Director**

Registered Office & Manufactory  
Mouza : Nagarpara & Meghsar  
Village & Post : Mahanad  
P.S.: Polba, District : Hooghly  
Pin : 712 149, West Bengal, India  
Telephone : (03213) 263052 / 263053  
E-mail: info@alpinedistilleries.co.in

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

|  |                                      |
|--|--------------------------------------|
| <b>Proposal No</b>                     | IA/WB/IND2/423164/2023               |
| <b>Compliance ID</b>                   | 1128902378                           |
| <b>Compliance Number(For Tracking)</b> | EC/COMPLIANCE/1128902378/2025        |
| <b>Reporting Year</b>                  | 2025                                 |
| <b>Reporting Period</b>                | 01 Dec(01 Apr - 30 Sep)              |
| <b>Submission Date</b>                 | 24-12-2025                           |
| <b>RO/SRO Name</b>                     | Shri Senthil Kumar Sampath           |
| <b>RO/SRO Email</b>                    | agmu156@ifs.nic.in                   |
| <b>State</b>                           | WEST BENGAL                          |
| <b>RO/SRO Office Address</b>           | Integrated Regional Offices, Kolkata |

**Note:-** SMS and E-Mail has been sent to Shri Senthil Kumar Sampath, WEST BENGAL with Notification to Project Proponent.

**SIX-MONTHLY  
COMPLIANCE REPORT  
APRIL 2025 TO SEPTEMBER 2025**

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

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

## Six-monthly Compliance Report

### APRIL 2025 TO SEPTEMBER 2025

**Name of the Industry: M/s Alpine Distilleries Pvt. Ltd.**  
**Project Address:** Village Mahanad, Block – Polba-Dadpur, Polba,  
 District – Hoogly, Pin – 712149, West Bengal  
**Clearance Letter No. and date:** J-11011/227/2012-IA II (I)  
 Dated: -23<sup>rd</sup> February 2015

#### A. SPECIFIC CONDITIONS:

| Sl. No. | Conditions   | Compliance Status  |
|---------|--|--|
| i       | Distillery unit shall be based on Grain based only and no Molasses based distillery unit shall be operated. The unit use bagasse if available.   | The project proponent uses grain as the only component for distillation, and coal as a fuel for the unit's boiler operation.   |
| ii      | Bag filter along with stack of adequate height shall be provided to Coal/rice husk fired boiler to control particulate emission within 50mg/Nm <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. | ESP has been provided to the coal fired boiler. The emissions test results from the stack for pollution control are included in <b>Annexure 1</b> . A photograph of the ESP is also provided.  |
| iii     | In plant, control measures for checking fugitive emissions from all the vulnerable sources shall be provided. Fugitive emissions shall be controlled by providing closed storage, closed handling & conveyance of chemicals/ materials,  | The project proponent has implemented all necessary control measures to address fugitive emissions from all susceptible sources. Measures to control fugitive emissions include the use of closed storage, enclosed handling and transportation of |

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|     | <p>multi-cyclone separator and water sprinkling system. Dust suppression system including water sprinkling shall be provided at loading and unloading areas to control dust emission. Fugitive emissions in the work zone environment, product, raw materials storage area etc. shall be regularly monitored and record shall be maintained. The emissions shall conform to the limits imposed by West Bengal State Pollution Control Board (WBSPCB).</p> | <p>chemicals/materials, a multi-cyclone separator, and a water sprinkling system. A dust suppression system, which includes water sprinkling, has been installed at loading and unloading areas to reduce dust emissions. Fugitive emissions in the work area, as well as in the product and raw materials storage areas, are continuously monitored and recorded. The monitoring report for fugitive emissions is included in <b>Annexure – 2</b>. Visual evidence has also been provided.</p> |
| iv  | <p>Pucca approach road to project site shall be constructed prior to commencing construction activity of the main distillery so as to avoid fugitive emissions.</p>   | <p>The approach road from the main highway to the project site and the internal roads within the project site have been completed. Latest Geotagged Photographs of the same are enclosed as <b>Annexure 3</b>.</p>  |
| v.  | <p>The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB guidelines. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution.</p>  | <p>The DG set has been equipped with sufficient stack height. An acoustic enclosure has been installed to manage noise emissions. Corresponding visual documentation has been included in <b>Annexure – 4</b>.</p>  |
| vi. | <p>The company shall upload the status of compliance of the stipulated environmental clearance conditions, including results of monitored data on its website and shall update the same periodically. It shall simultaneously be sent to the Regional office of MOEF, the respective Zonal office of CPCB and the WBSPCB. The levels of PM<sub>2.5</sub>, PM<sub>10</sub>, NO<sub>x</sub>, CO and HC (Methane) in ambient</p>                             | <p>The company publishes the status of compliance with the specified environmental clearance conditions on its website, along with the results of monitored data and provides updates on a regular basis. The data is being monitored and submitted to the Regional Office of MOEF, the respective Zonal Office of CPCB, and the WBSPCB. The levels of various pollutants such as PM<sub>2.5</sub>, PM<sub>10</sub>, NO<sub>x</sub>, CO, and HC</p>   |

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|       | air shall be monitored and displayed at a convenient location near the main gate of the company and at important public places.   | (Methane) in the surrounding air are being tracked, and a display board showing this information has been installed at a convenient location near the company's main entrance. Pictorial illustration supporting this criterion has been included in <b>Annexure – 5</b> .   |
| vii.  | Total fresh water requirement from ground water source shall not exceed 660 m <sup>3</sup> /day for distillery and congregation unit and prior permission shall be obtained from the CGWA/SGWA. Water consumption shall be reduced by adopting 3 R's (reduce, reuse and recycle) concept in the process.  | SWID has already granted the project proponent to remove groundwater for the required freshwater need. By using the 3R's, water use has been decreased to stay under the specified limit. The permission bill is included in <b>Annexure – 6</b> .   |
| 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. | The amount of spent wash generation has been kept within the allowed limit of 6 KL/KL of alcohol. To create DDGS, spent wash is appropriately handled using a decanter and concentrated in a multi-effect evaporator (MEE) before being dried. The effluent treatment process (ETP) continually treats spent lees, MEE condensate, bottle washing effluent, utilities, and cogeneration unit effluent. Regular monitoring of treated effluent water quality is necessary to maintain CPCB/SPCB quality standards. The supporting report is included in <b>Annexure – 7</b> . |
| ix.   | No effluent from distillery and cogeneration power plant shall be discharged outside the factory premises and 'zero' effluent discharge concept   | The unit has employed the zero liquid discharge concept. As a result, no plant wastewater is released into the environment.  |

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|       | 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 MoEF&CC/ SPCB. Data shall be uploaded on the company website or in public domain.  | The project proponent has already implemented an online continuous monitoring system for flow and pollutants in the treatment plant. It is included in <b>Annexure – 8.</b>               |
| xi.   | Process effluent/ any wastewater shall not be allowed to mix with storm water. Storm water drain shall be passed through guard pond.   | Separate drains have been created for storm and wastewater. A guard pond has been built to pass the storm water drain. Storm water drain pictures have been added in <b>Annexure – 9.</b> |
| xii.  | Adequate numbers of ground water quality monitoring stations by providing piezometers around the project area shall be set up. Sampling and trend analysis monitoring must be made on monthly a basis and report submitted to SPCB and this Ministry. The ground water quality monitoring for pH, BOD, COD, Chloride, Sulphate and Total Dissolve Solids shall be monitored and report submitted to the Ministry's Regional Office at Bhubaneswar and WSPCB. | Groundwater quality monitoring reports of last 4 months and trend analysis is enclosed as <b>Annexure 10.</b>   |
| xiii. | No storage of wet cake shall be done at site to avoid odour problem. An additional dryer shall be installed so that at any time wet cake is not sold then wet cake shall be converted into dry cake by operating additional dryer.   | No wet cake has been stored on-site. To avoid storing wet cake, a dryer with greater capacity than is required has been installed and attached in <b>Annexure – 11.</b>                   |
| xiv.  | Coal storage shall be done in such a way that it does not get air borne or fly   | Coal storage has been designed in such a way that it does not go airborne or fly  |

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|        | around due to wind. For this, it shall be kept in wet form.   | around owing to wind. Also, coal is covered with tarpaulin to keep it from flying around. Photographic evidence has been attached in <b>Annexure – 12.</b>  |
| xv.    | Fly ash shall be stored separately as per CPCB guidelines so that it shall not adversely affect the air quality, becoming air borne by wind or water regime during rainy season by flowing along with the storm water. Direct exposure of workers to fly ash & dust shall be avoided. | Fly ash is stored in a separate, designated area. Preventive efforts are done to avoid the spread of fly ash. To avoid direct exposure of fly ash to workers and storm water during the rainy season, the project proponent fills their own property immediately after disposal from the closed system and keeps the filled land wet with a sprinkler system.   |
| xvi.   | Fire-fighting system shall be as per norms and cover all areas where alcohol is produced, handled and stored. Provision of foam system for firefighting shall be made to control fire from the alcohol storage tank.  | Firefighting systems have been installed in accordance with standards, and they cover all locations where alcohol is made, handled, and stored. A foam system for firefighting has been installed to suppress fires from the alcohol storage tank. General maintenance and preventative care are performed on a regular basis for pipe lines and foam monitors to control fires in the facility, particularly in the alcohol storage area. Picture of fire-fighting system has been provided in <b>Annexure – 13.</b> |
| 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 assessments are conducted on a regular basis to prepare beforehand for any potential accidents on site.<br><br>The Risk assessment report is given in <b>Annexure 14.</b>  |
| xviii. | Occupational health surveillance programme shall be undertaken as regular exercise for all the employees.   | Occupational health surveillance was conducted. Last sample copies of medical test reports for employees including Blood  |

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|      | The first aid facilities in the occupational health center shall be strengthened and the regular medical test records of each employee shall be maintained.  | test, ECG, Spirometry, Audiometry, Vision tests are enclosed as <b>Annexure 15</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.   | During operation, the manufacturing premises will have a dedicated parking area for material loading and unloading. To reduce congestion on public roads, the unit created and executed an effective traffic control system for arriving and exiting cars. A supporting photo has been given as in <b>Annexure – 16</b> .   |
| 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. | As per the EC condition, the company has already developed 33% of total project area as greenbelt inside plant premises. During site inspection, it was suggested to obtain report from DFO for authentication of 33% greenbelt. Accordingly, we have submitted the application to DFO for authentication of 33% greenbelt and is currently under process with the DFO. Copy of application is enclosed as <b>Annexure 17</b> . As soon as the report is obtained, we will submit the same to this office as well as EAC. |
| 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 Bhubaneswar.                     | All of the conditions being laid down during Public Hearing consultation in 11 <sup>th</sup> September, 2013 has been put into implementation under different phases. <b>See Annexure 18</b> .  |

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| 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 project's overall cost has already been set aside for the Enterprise Social Commitment, based on locals need.  |
| xxiii. | Provision shall be made for the housing for the construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, safe drinking water, medical 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. | Housing for construction workers was provided on-site, complete with the essential infrastructure and facilities such as cooking fuel, mobile toilets, safe drinking water, medical health care, a crèche, and so on. The housing was a temporary building that was dismantled once the project was completed. In order to minimize the influence on the local environment, all construction trash was appropriately managed. |

## 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. | Throughout the operation, the project authorities strictly followed the guidelines established by the West Bengal State Pollution Board (WBCPB), the State Government, and any other statutory authority. |
| ii.     | No further expansion or modifications in the plant shall be carried out without  | The project proponent does not intend to expand or modify the plant without the   |

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|      | 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.  | Ministry's prior consent.   |
| 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.  | The placement of ambient air quality monitoring stations has previously been determined, and monitoring is carried out on a regular basis, as detailed in <b>Annexure – 19</b> . For ambient air quality monitoring, the proponent will build one station in both the upwind and downwind directions, as well as where maximum ground level concentrations are expected to occur shortly. |
| 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). | Overall noise levels in and around the plant area have been kept within acceptable limits by installing acoustic hoods, silencers, enclosures, and other noise-generating equipment. The test report is provided as <b>Annexure – 20</b> .  |
| 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   | To preserve fresh water, the project proponent collects rainfall from building roofs and storm water drains through a guard pond and uses the same water for process  |

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|       | the process activities of the project to conserve fresh water.  | activities. A supporting image is attached as in <b>Annexure – 21</b> .   |
| 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.   | The project proponent has installed garland drains in the plant site to prevent spillage and mixing of accidental spillage with domestic wastewater and storm water drains during material transfer.          |
| vii.  | Usage of Personnel Protection Equipment by all employees/workers shall be ensured.  | All employees/workers have previously received personal protective equipment at work.   |
| 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.  | Details of training and records of number of employees undertaking pre-employment medical examinations and routine periodical medical examinations year wise is enclosed as <b>Annexure 22</b> .              |
| 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. | The project proponent has fully implemented all of the EIA/EMP recommendations for environmental management, risk mitigation measures, and public hearings.   |
| x.    | The company shall undertake CSR activities and all relevant measures for improving the socio-economic conditions of the surrounding area.   | The project proponent had already started its CSR initiatives and took the necessary steps to improve the socioeconomic circumstances in the neighborhood. Additionally, the company had plans to enhance the |

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|       |   | socioeconomic situation in that area in the near future. See <b>Annexure 23.</b>   |
| xi.   | The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.   | The project proponent has already implemented eco-developmental measures to enhance 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.   | In order to effectively perform the Environmental Management and Monitoring tasks, an Environmental Management Cell has already been established. See <b>Annexure 24.</b>                    |
| 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. | The granted fund is designated for pollution control and environmental management. The detail is given in <b>Annexure 25.</b>  |
| xiv.  | A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zila Parishad /Municipal Corporation, Urban local Body the local NGO, if any, from who suggestions/representations, if any, were received while processing the proposal.  | The project proponent has already forwarded the clearance letter to the relevant authorities - Panchayat, Zila Parishad/Municipal Corporation, and Urban Local Body. See <b>Annexure 26.</b> |
| xv.   | The project proponent shall also submit six monthly reports on the status of  | Six monthly compliance report on the status of compliance of the stipulated Environment  |

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|       | <p>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.</p>   | <p>Clearance conditions including results of monitored data is regularly submitted to the MoEF and WBSPCB at the stated intervals. A copy of Environmental Clearance and six-monthly compliance status report have been also posted on the website of the company i.e. <a href="http://alpinedistilleries.co.in">alpinedistilleries.co.in</a>.<br/>See <b>Annexure 27</b>.</p> |
| xvi.  | <p>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.</p> | <p>Form – V, the environmental statement for each fiscal year that ends on March 31st, is regularly filed and posted on the company's website.<br/>See <b>Annexure 27</b>.</p>   |
| xvii. | <p>The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry at <a href="http://envfor.nic.in">http://envfor.nic.in</a>. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are</p>             | <p>The requirement has already been met. A copy of this was sent to the relevant regional office of the ministry after it was publicized in two local publications that are extensively read in the area in the local language. The document can be found at <b>Annexure – 28</b>.</p>   |

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|        | 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 project by 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 Environmental Clearance, Consent to Establish and Consent to Operate are enclosed herewith in <b>Annexure-29</b> . |

# **Annexure – 1**



# ENVIROCHECK

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



## TEST REPORT

FORMAT NO : ENV/FM/38

|                           |  |   |                          |                |                             |
|---------------------------|--|---|--------------------------|----------------|-----------------------------|
| Name of the Client        | : Alpine Distilleries Pvt. Ltd.  | Type of Industry                            | : Grain Based Distillery |                |                             |
| Address                   | : Mauza – Meghsar & Nagarpara, Vill. + P.O. – Mahanad, P.S. – Polba, Dist. – Hooghly, Pin – 712149 | Sampling date                               | : 03.09.2025             |                |                             |
|                           |  | Date of received                            | : 04.09.2025             |                |                             |
|                           |  | Date (s) of analysis                        | : 04.0.2025 – 05.09.2025 |                |                             |
|                           |  | Date of Issue                               | : 08.09.2025             |                |                             |
| Sampling Plan & Procedure | : ENV/SOP/01/02  | Deviation from the Sampling Method and Plan | : No                     | Type of Sample | : Stack Emission            |
| Sample Condition          | : Sealed   | Sample ID No.                               | : ENV/04/Sep./A/I        | Report No.     | : ENV/04/Sep./TR(A)/1/25-26 |
| Sample Testing Location   | : Permanent Testing  |   |                          |                |                             |

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

|                           |                                       |  |        |
|---------------------------|---------------------------------------|--|--------|
| Stack Attached to         | : Boiler                              |  |        |
| Shape of Stack            | : Circular                            | Height of Stack (mtr.) (from G. L.)        | : 42.0 |
| Materials of Construction | : Concrete                            | Stack I.D. at sampling point (mtr.)        | : 1.95 |
| Capacity                  | : Rated – 25 TPH (Running – 16.5 TPH) | Height of sampling port (mtr.) (from G.L.) | : 20.0 |
| Emission Due to           | : Combustion of Coal                  |  |        |
| Fuel Used                 | : Coal                                | Permanent Platform & Ladder                | : Yes  |
| Working Fuel Consumption  | : 4.12 TPH (Running)                  |  |        |
| Pollution Control Device  | : E.S.P (04 nos. Fields)              |  |        |

### B. RESULTS

| SL. NO. | PARAMETERS  | UNIT                 | METHOD NO.        | RESULTS    | LIMIT |
|---------|---|----------------------|-------------------|------------|-------|
| 1.      | Flue Gas Temperature  | °C                   | IS 11255 (Part 1) | : 117.0    | N.A.  |
| 2.      | Barometric Pressure   | mm of Hg.            | IS 11255 (Part 1) | : 750.0    | N.A.  |
| 3.      | Velocity of Gas flow  | m/s                  | IS 11255 (Part 1) | : 11.73    | N.A.  |
| 4.      | Quantity of Gas flow  | Nm <sup>3</sup> /hr. | IS 11255 (Part 1) | : 91895.69 | N.A.  |
| 5.      | a) Sulfur dioxide   | mg/Nm <sup>3</sup>   | IS 11255 (Part 2) | : 384.0    | N.A.  |
|         | b) Sulfur dioxide (at 6% O <sub>2</sub> )   | mg/Nm <sup>3</sup>   |                   | : 480.0    | N.A.  |
| 6.      | a) Oxides of Nitrogen   | mg/Nm <sup>3</sup>   | IS 11255 (Part 7) | : 186.11   | N.A.  |
|         | b) Oxides of Nitrogen (at 6% O <sub>2</sub> )   | mg/Nm <sup>3</sup>   |                   | : 232.63   | N.A.  |
| 7.      | Carbon dioxide by ORSAT App   | %                    | IS 13270          | : 12.0     | N.A.  |
| 8.      | O <sub>2</sub> by Orsat   | %                    | USEPA Method 3    | : 9.0      | N.A.  |
| 9.      | Carbon Monoxide   | %                    | IS 13270          | : <1.0     | 1.0   |
| 10.     | a) Particulate Matter   | mg/Nm <sup>3</sup>   | IS 11255 (Part 1) | : 15.65    | N.A.  |
|         | b) Particulate Matter (at 6% O <sub>2</sub> )   | mg/Nm <sup>3</sup>   |                   | : 19.56    | 50.0  |
| Remarks | : During monitoring all 04 nos. E.S.P Fields were running.<br>: Result relates only to the sample tested.<br>: Result shows that CO and Particulate Matter value are within limit as per CPCB [Emission Regulation Part IV : COINDS/26/1986-87].<br>: N.A. means Not Available. |                      |                   |            |       |

Reviewed By :

*Indrani Bhattacharyya*

(Indrani Bhattacharyya)  
(Dy. Technical Manager)

Authorised Signatory :

*Dr. Ajoy Paul*

(Dr. Ajoy Paul)  
(Quality Manager)

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

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



## TEST REPORT

FORMAT NO : ENV/FM/38

|                           |  |   |                          |                |                              |
|---------------------------|--|---|--------------------------|----------------|------------------------------|
| Name of the Client        | : Alpine Distilleries Pvt. Ltd.  | Type of Industry                            | : Grain Based Distillery |                |                              |
| Address                   | : Mauza – Meghsar & Nagarpara, Vill. + P.O. – Mahanad, P.S. – Polba, Dist. – Hooghly, Pin – 712149 | Sampling date                               | : 03.09.2025             |                |                              |
|                           |  | Date of received                            | : 04.09.2025             |                |                              |
|                           |  | Date (s) of analysis                        | : 04.0.2025 – 05.09.2025 |                |                              |
|                           |  | Date of Issue                               | : 08.09.2025             |                |                              |
| Sampling Plan & Procedure | : ENV/SOP/01/02  | Deviation from the Sampling Method and Plan | : No                     | Type of Sample | : Stack Emission             |
| Sample Condition          | : Sealed   | Sample ID No.                               | : ENV/04/Sep./A/II       | Report No.     | : ENV/04/Sep./TR(A)/II/25-26 |
| Sample Testing Location   | : Permanent Testing  |   |                          |                |                              |

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

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

### B. RESULTS

| SL. NO. | PARAMETERS  | UNIT                 | METHOD NO.        | RESULTS  | LIMIT |
|---------|---|----------------------|-------------------|----------|-------|
| 1.      | Flue Gas Temperature  | °C                   | IS 11255 (Part 1) | : 312.0  | N.A.  |
| 2.      | Barometric Pressure   | mm of Hg.            | IS 11255 (Part 1) | : 750.0  | N.A.  |
| 3.      | Velocity of Gas flow  | m/s                  | IS 11255 (Part 1) | : 18.68  | N.A.  |
| 4.      | Quantity of Gas flow  | Nm <sup>3</sup> /hr. | IS 11255 (Part 1) | : 597.62 | N.A.  |
| 5.      | Sulfur dioxide  | mg/Nm <sup>3</sup>   | IS 11255 (Part 2) | : 76.42  | N.A.  |
| 6.      | Carbon dioxide by ORSAT App   | %                    | IS 13270          | : 9.4    | N.A.  |
| 7.      | Carbon Monoxide   | %                    | IS 13270          | : <1.0   | 1.0   |
| 8.      | Particulate Matter  | mg/Nm <sup>3</sup>   | IS 11255 (Part 1) | : 72.76  | 150.0 |
| Remarks | : During monitoring temporary ladder and platform were provided.<br>: Result relates only to the sample tested.<br>: Result shows that CO and Particulate Matter value are within limit as per CPCB [Emission Regulation Part IV : COINDS/26/1986-87].<br>: N.A. means Not Available. |                      |                   |          |       |

Reviewed By :

*Indrani Bhattacharyya*

(Indrani Bhattacharyya)  
(Dy. Technical Manager)

Authorised Signatory :

*Dr. Ajoy Paul*

(Dr. Ajoy Paul)  
(Quality Manager)

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## Electrostatic Precipitator:



# **Annexure – 2**



# ENVIROCHECK

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## TEST REPORT

FORMAT NO : ENV/FM/57

|                           |  |   |                          |                |                                 |
|---------------------------|--|---|--------------------------|----------------|---------------------------------|
| Name of the Client        | : Alpine Distilleries Pvt. Ltd.  | Type of Industry                            | : Grain Based Distillery |                |                                 |
| Address                   | : Mauza – Meghsar & Nagarpara, Vill. + P.O. – Mahanad, P.S. – Polba, Dist. – Hooghly, Pin – 712149 | Sampling date                               | : 03.09.2025             |                |                                 |
|                           |  | Date of received                            | : 04.09.2025             |                |                                 |
|                           |  | Date (s) of analysis                        | : 04.0.2025 – 05.09.2025 |                |                                 |
|                           |  | Date of Issue                               | : 08.09.2025             |                |                                 |
| Sampling Plan & Procedure | : ENV/SOP/01/01  | Deviation from the Sampling Method and Plan | : No                     | Type of Sample | : Fugitive Emission (Work Zone) |
| Sample Condition          | : Sealed   | Sample ID No.                               | : ENV/04/Sep./A/VI       | Report No.     | : ENV/04/Sep./TR(A)/VI/25-26    |
| Sample Testing Location   | : Permanent Testing  |   |                          |                |                                 |

|           |  |
|-----------|--|
| <b>A]</b> | <b>GENERAL INFORMATION</b>                               |
| 1.        | Location of Sampling : Near Boiler Area                  |
| 2.        | Duration of Sampling : 08 hrs. (09:20 a.m. – 05:20 p.m.) |

|           |                                   |             |                                    |                       |
|-----------|-----------------------------------|-------------|------------------------------------|-----------------------|
| <b>B]</b> | <b>METEOROLOGICAL INFORMATION</b> | <b>UNIT</b> | <b>METHOD</b>                      | <b>OBSERVED VALUE</b> |
| 1.        | Temperature                       | °C          | ASTM E 337-02 : Sec.11, Vol. 11.07 | 32.0                  |
| 2.        | Humidity                          | %           | ASTM E 337-02 : Sec.11, Vol. 11.07 | 86.0                  |

|                |                              |                   |                       |                |              |
|----------------|------------------------------|-------------------|-----------------------|----------------|--------------|
| <b>C]</b>      | <b>RESULTS</b>               |                   |                       |                |              |
| <b>SL. NO.</b> | <b>PARAMETERS</b>            | <b>UNIT</b>       | <b>METHOD NO.</b>     | <b>RESULTS</b> | <b>LIMIT</b> |
| 1.             | Suspended Particulate Matter | µg/m <sup>3</sup> | IS 5182 (Part 4)      | 162.56         | 5000.0       |
| 2.             | Sulfur Dioxide               | µg/m <sup>3</sup> | IS 5182 Part 2, Sec.1 | 11.67          | N.A.         |
| 3.             | Nitrogen Dioxide             | µg/m <sup>3</sup> | IS 5182 Part 6        | 23.97          | N.A.         |

|                |  |
|----------------|--|
| <b>Remarks</b> | : Result relates only to the sample tested.<br>: Result shows that SPM value is within limit as per the Factory Act - 1948.<br>: N.A. means Not Available. |
|----------------|--|

Reviewed By :

*Indrani Bhattacharyya*

(Indrani Bhattacharyya)  
(Dy. Technical Manager)

Authorised Signatory :

*Dr. Ajoy Paul*

(Dr. Ajoy Paul)  
(Quality Manager)

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## TEST REPORT

FORMAT NO : ENV/FM/57

|                           |  |   |                          |                |                                 |
|---------------------------|--|---|--------------------------|----------------|---------------------------------|
| Name of the Client        | : Alpine Distilleries Pvt. Ltd.  | Type of Industry                            | : Grain Based Distillery |                |                                 |
| Address                   | : Mauza – Meghsar & Nagarpura, Vill. + P.O. – Mahanad, P.S. – Polba, Dist. – Hooghly, Pin – 712149 | Sampling date                               | : 03.09.2025             |                |                                 |
|                           |  | Date of received                            | : 04.09.2025             |                |                                 |
|                           |  | Date (s) of analysis                        | : 04.0.2025 – 05.09.2025 |                |                                 |
|                           |  | Date of Issue                               | : 08.09.2025             |                |                                 |
| Sampling Plan & Procedure | : ENV/SOP/01/01  | Deviation from the Sampling Method and Plan | : No                     | Type of Sample | : Fugitive Emission (Work Zone) |
| Sample Condition          | : Sealed   | Sample ID No.                               | : ENV/04/Sep./A/VII      | Report No.     | : ENV/04/Sep./TR(A)/VII/25-26   |
| Sample Testing Location   | : Permanent Testing  |   |                          |                |                                 |

| A] GENERAL INFORMATION |  |
|------------------------|--|
| 1.                     | Location of Sampling : Inside the Shed # 01 (Consistiluas Dryer Sect., Fermentation Sect., Liquefaction Sect. & DDGS Fodown) |
| 2.                     | Duration of Sampling : 08 hrs. (10:10 a.m. – 06:10 p.m.)   |

| B] | METEOROLOGICAL INFORMATION | UNIT | METHOD                             | OBSERVED VALUE |
|----|----------------------------|------|------------------------------------|----------------|
| 1. | Temperature                | °C   | ASTM E 337-02 : Sec.11, Vol. 11.07 | 34.0           |
| 2. | Humidity                   | %    | ASTM E 337-02 : Sec.11, Vol. 11.07 | 70.0           |

| C] RESULTS |                              |                   |                       |         |        |
|------------|------------------------------|-------------------|-----------------------|---------|--------|
| SL. NO.    | PARAMETERS                   | UNIT              | METHOD NO.            | RESULTS | LIMIT  |
| 1.         | Suspended Particulate Matter | µg/m <sup>3</sup> | IS 5182 (Part 4)      | 261.42  | 5000.0 |
| 2.         | Sulfur Dioxide               | µg/m <sup>3</sup> | IS 5182 Part 2, Sec.1 | 14.15   | N.A.   |
| 3.         | Nitrogen Dioxide             | µg/m <sup>3</sup> | IS 5182 Part 6        | 24.69   | N.A.   |

|         |  |
|---------|--|
| Remarks | : Result relates only to the sample tested.<br>: Result shows that SPM value is within limit as per the Factory Act - 1948.<br>: N.A. means Not Available. |
|---------|--|

Reviewed By :

*Indrani Bhattacharyya*

(Indrani Bhattacharyya)  
(Dy. Technical Manager)

Authorised Signatory :

*Paul*

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## TEST REPORT

FORMAT NO : ENV/FM/57

|                           |  |   |                          |                |                                 |
|---------------------------|--|---|--------------------------|----------------|---------------------------------|
| Name of the Client        | : Alpine Distilleries Pvt. Ltd.  | Type of Industry                            | : Grain Based Distillery |                |                                 |
| Address                   | : Mauza – Meghsar & Nagarpara, Vill. + P.O. – Mahanad, P.S. – Polba, Dist. – Hooghly, Pin – 712149 | Sampling date                               | : 03.09.2025             |                |                                 |
|                           |  | Date of received                            | : 04.09.2025             |                |                                 |
|                           |  | Date (s) of analysis                        | : 04.0.2025 – 05.09.2025 |                |                                 |
|                           |  | Date of Issue                               | : 08.09.2025             |                |                                 |
| Sampling Plan & Procedure | : ENV/SOP/01/01  | Deviation from the Sampling Method and Plan | : No                     | Type of Sample | : Fugitive Emission (Work Zone) |
| Sample Condition          | : Sealed   | Sample ID No.                               | : ENV/04/Sep./A/VIII     | Report No.     | : ENV/04/Sep./TR(A)/VIII/25-26  |
| Sample Testing Location   | : Permanent Testing  |   |                          |                |                                 |

|           |   |
|-----------|---|
| <b>A]</b> | <b>GENERAL INFORMATION</b>  |
| 1.        | Location of Sampling : Inside the Shed # 02 (ENA Receiver Tank & ENA Loading Point) |
| 2.        | Duration of Sampling : 08 hrs. (10:40 a.m. – 06:40 p.m.)                            |

|           |                                   |             |                                    |                       |
|-----------|-----------------------------------|-------------|------------------------------------|-----------------------|
| <b>B]</b> | <b>METEOROLOGICAL INFORMATION</b> | <b>UNIT</b> | <b>METHOD</b>                      | <b>OBSERVED VALUE</b> |
| 1.        | Temperature                       | °C          | ASTM E 337-02 : Sec.11, Vol. 11.07 | 31.0                  |
| 2.        | Humidity                          | %           | ASTM E 337-02 : Sec.11, Vol. 11.07 | 78.0                  |

|                |                              |                   |                       |                |              |
|----------------|------------------------------|-------------------|-----------------------|----------------|--------------|
| <b>C]</b>      | <b>RESULTS</b>               |                   |                       |                |              |
| <b>SL. NO.</b> | <b>PARAMETERS</b>            | <b>UNIT</b>       | <b>METHOD NO.</b>     | <b>RESULTS</b> | <b>LIMIT</b> |
| 1.             | Suspended Particulate Matter | µg/m <sup>3</sup> | IS 5182 (Part 4)      | 158.28         | 5000.0       |
| 2.             | Sulfur Dioxide               | µg/m <sup>3</sup> | IS 5182 Part 2, Sec.1 | 11.32          | N.A.         |
| 3.             | Nitrogen Dioxide             | µg/m <sup>3</sup> | IS 5182 Part 6        | 16.46          | N.A.         |

|                |  |
|----------------|--|
| <b>Remarks</b> | : Result relates only to the sample tested.                                  |
|                | : Result shows that SPM value is within limit as per the Factory Act - 1948. |
|                | : N.A. means Not Available.  |

Reviewed By :

*Indrani Bhattacharyya*

(Indrani Bhattacharyya)  
(Dy. Technical Manager)

Authorised Signatory :

*Dr. Ajoy Paul*

(Dr. Ajoy Paul)  
(Quality Manager)

<End of Report>

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 Overseas : ▪ UAE ▪ Qatar ▪ Netherlands

**Water sprinkling system:**



# **Annexure – 3**

# ROAD WORK PROGRESS

NAME OF PROJECT: - ALPINE DISTILLERIES PVT. LTD (MAHANAD, HOOGHLY)  
- 120 KLPD GRAIN BASED ENA CUM ETHANOL PLANT

Date:

19.11.2025



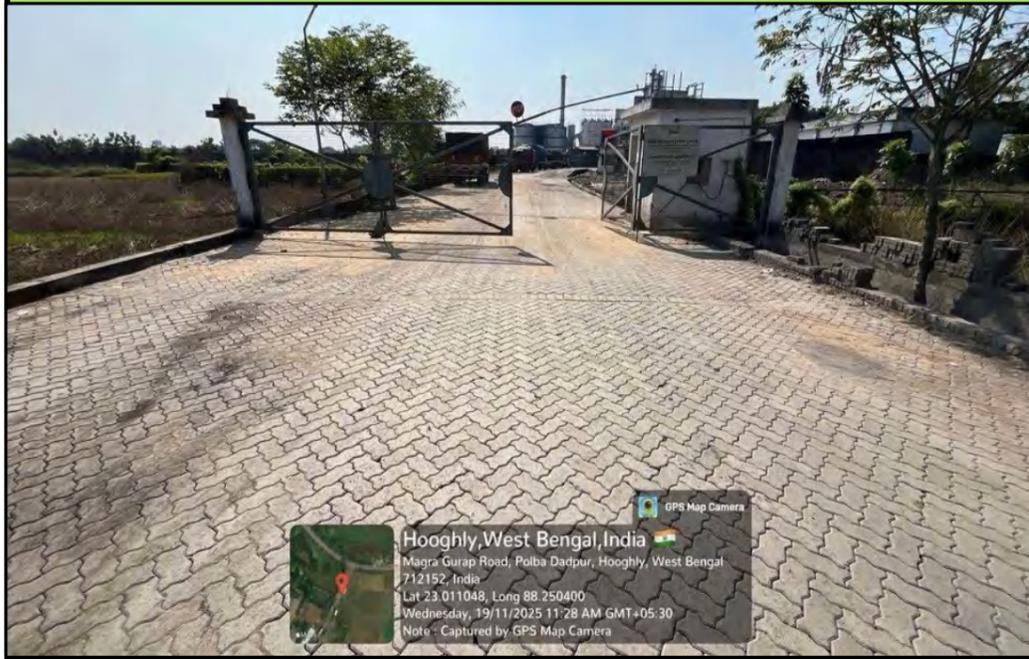
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Magra Gurap Road, Polba Dadpur, Hooghly, West Bengal  
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Thursday, 27/11/2025 02:10 PM GMT+05:30  
Note : Captured by GPS Map Camera



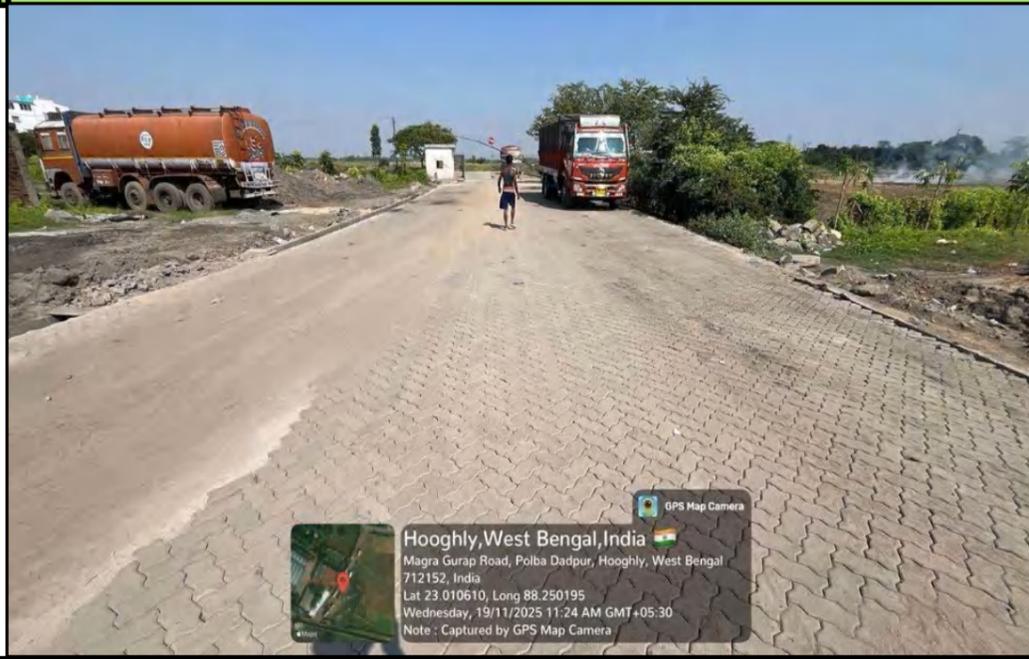
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Magra Gurap Road, Polba Dadpur, Hooghly, West Bengal  
712152, India  
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Wednesday, 19/11/2025 11:29 AM GMT+05:30  
Note : Captured by GPS Map Camera

MAIN PWD ROAD TO PLANT OUTER SIDE ROAD

PLANT OUTER SIDE ROAD



GPS Map Camera  
Hooghly, West Bengal, India  
Magra Gurap Road, Polba Dadpur, Hooghly, West Bengal  
712152, India  
Lat 23.011048, Long 88.250400  
Wednesday, 19/11/2025 11:28 AM GMT+05:30  
Note : Captured by GPS Map Camera



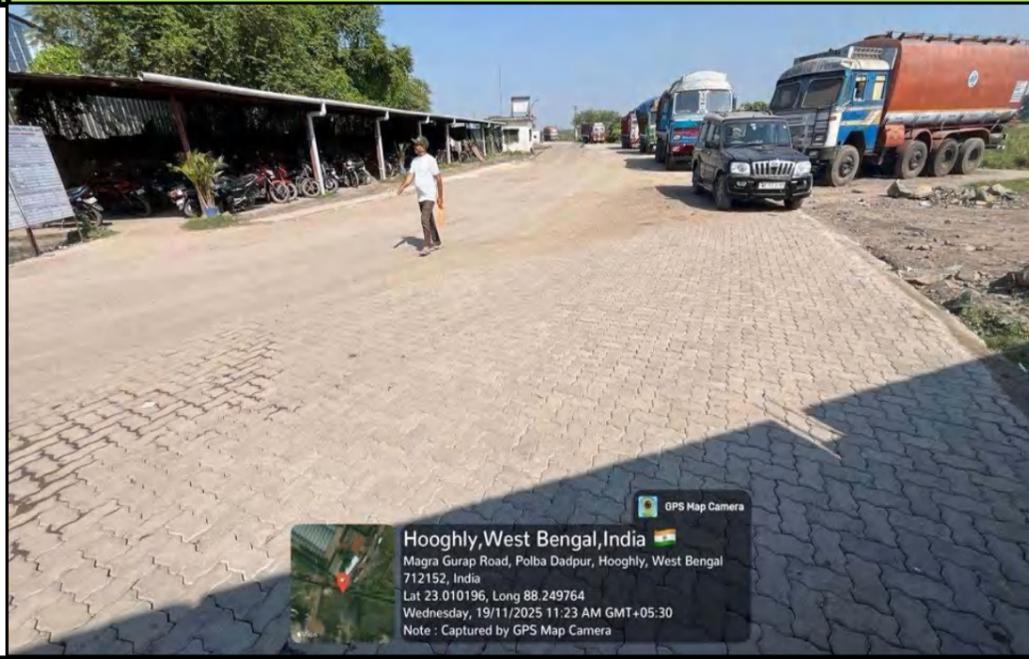
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Magra Gurap Road, Polba Dadpur, Hooghly, West Bengal  
712152, India  
Lat 23.010610, Long 88.250195  
Wednesday, 19/11/2025 11:24 AM GMT+05:30  
Note : Captured by GPS Map Camera

PLANT OUTER SIDE ROAD

PLANT OUTER SIDE ROAD



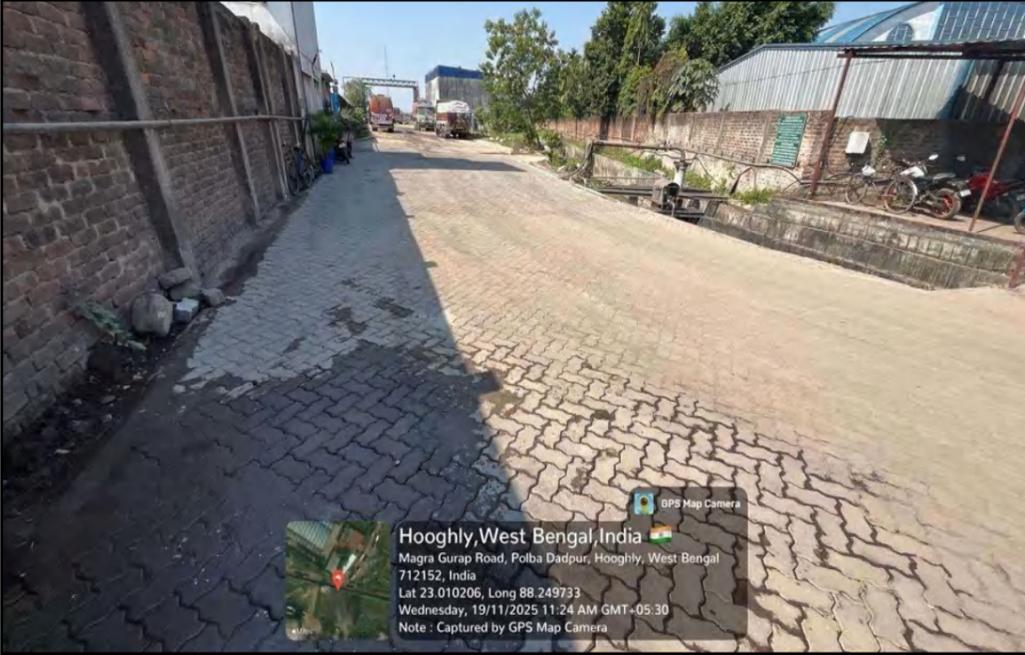
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Magra Gurap Road, Polba Dadpur, Hooghly, West Bengal  
712152, India  
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Note : Captured by GPS Map Camera

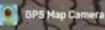


GPS Map Camera  
Hooghly, West Bengal, India  
Magra Gurap Road, Polba Dadpur, Hooghly, West Bengal  
712152, India  
Lat 23.010196, Long 88.249764  
Wednesday, 19/11/2025 11:23 AM GMT+05:30  
Note : Captured by GPS Map Camera

PLANT OUTER SIDE ROAD

PLANT OUTER SIDE ROAD




 Hooghly, West Bengal, India  
 Magra Gurap Road, Polba Dadpur, Hooghly, West Bengal  
 712152, India  
 Lat 23.010206, Long 88.249733  
 Wednesday, 19/11/2025 11:24 AM GMT+05:30  
 Note : Captured by GPS Map Camera

**PLANT OUTER SIDE ROAD**




 Hooghly, West Bengal, India  
 Magra Gurap Road, Polba Dadpur, Hooghly, West Bengal  
 712152, India  
 Lat 23.010337, Long 88.249538  
 Wednesday, 19/11/2025 11:24 AM GMT+05:30  
 Note : Captured by GPS Map Camera

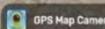
**PLANT OUTER SIDE ROAD & PLANT OUTER SIDE ROAD TO PLANT  
INTERNAL SIDE ROAD ENTRANCE GATE**



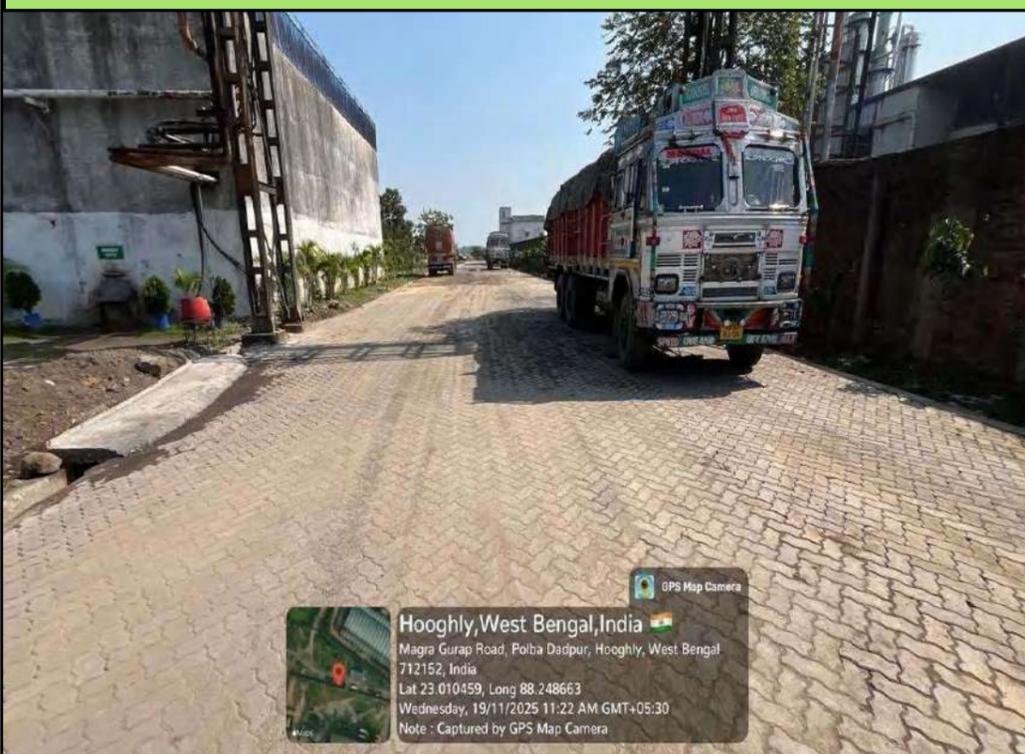

 Hooghly, West Bengal, India  
 Magra Gurap Road, Polba Dadpur, Hooghly, West Bengal  
 712152, India  
 Lat 23.010347, Long 88.249336  
 Wednesday, 19/11/2025 11:23 AM GMT+05:30  
 Note : Captured by GPS Map Camera

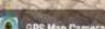
**PLANT OUTER SIDE ROAD & PLANT OUTER SIDE ROAD TO PLANT  
INTERNAL SIDE ROAD ENTRANCE GATE**




 Hooghly, West Bengal, India  
 Magra Gurap Road, Polba Dadpur, Hooghly, West Bengal  
 712152, India  
 Lat 23.010472, Long 88.248671  
 Wednesday, 19/11/2025 11:22 AM GMT+05:30  
 Note : Captured by GPS Map Camera

**PLANT OUTER SIDE ROAD**



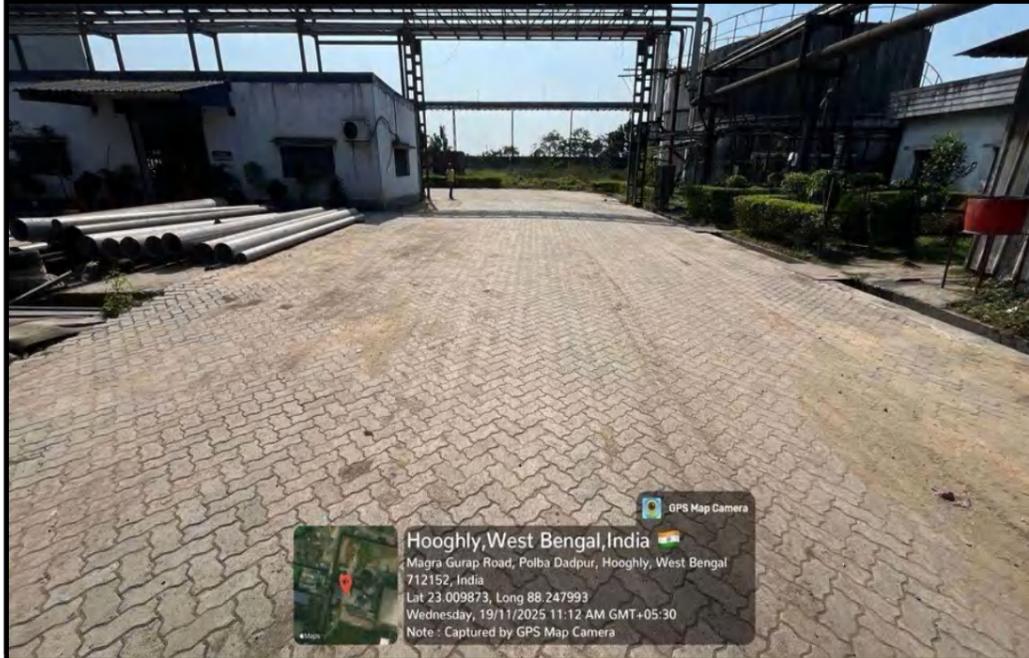

 Hooghly, West Bengal, India  
 Magra Gurap Road, Polba Dadpur, Hooghly, West Bengal  
 712152, India  
 Lat 23.010459, Long 88.248663  
 Wednesday, 19/11/2025 11:22 AM GMT+05:30  
 Note : Captured by GPS Map Camera

**PLANT OUTER SIDE ROAD**

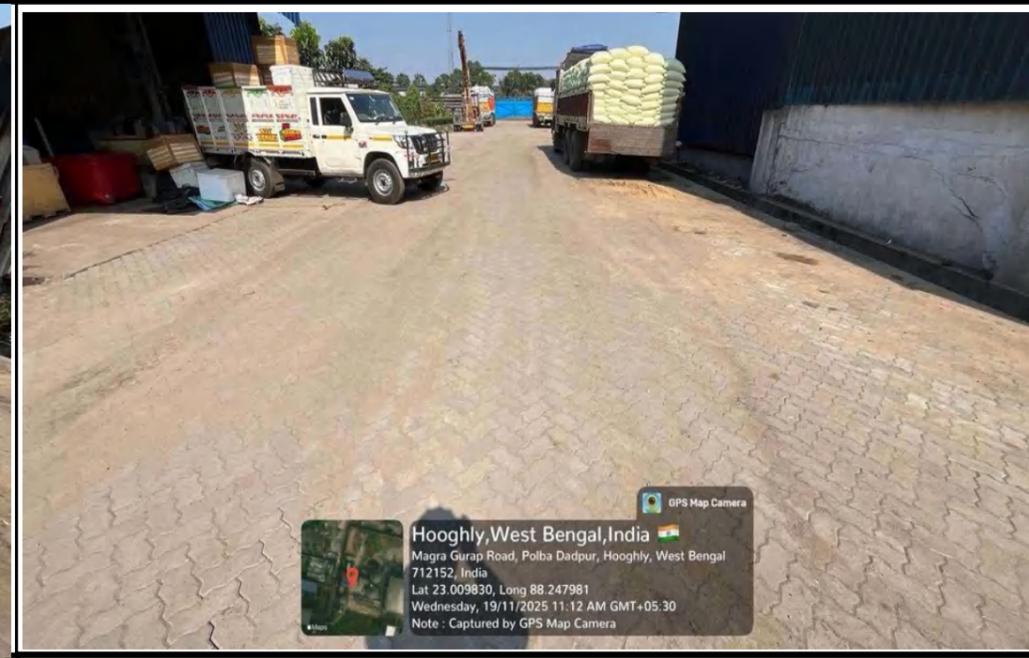



 Hooghly, West Bengal, India  
 Magra Gurap Road, Polba Dadpur, Hooghly, West Bengal  
 712152, India  
 Lat 23.010610, Long 88.248248  
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 Note : Captured by GPS Map Camera

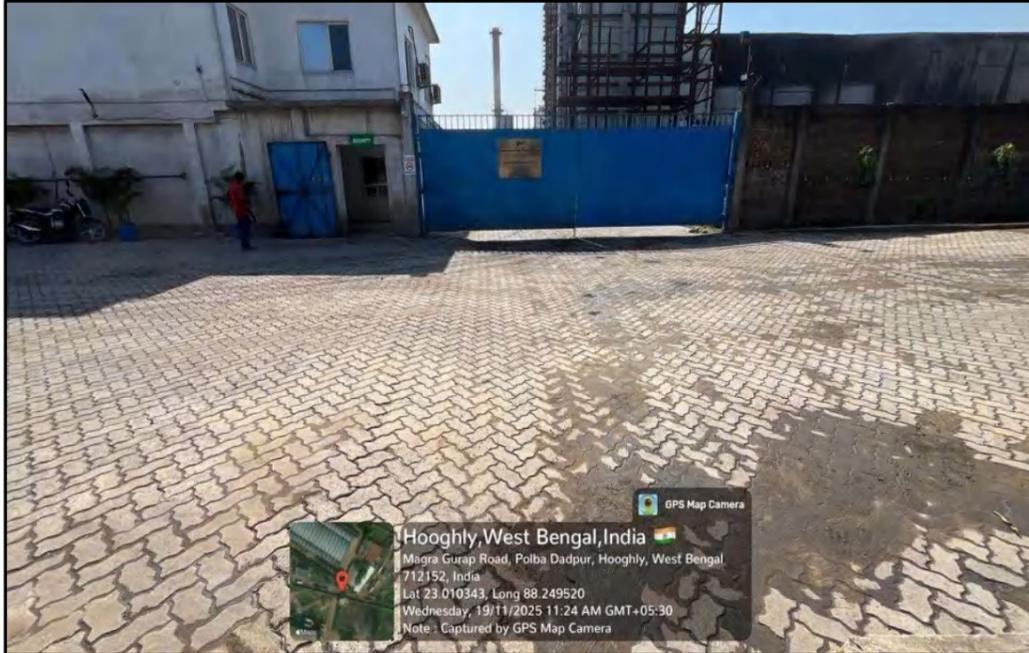
**PLANT OUTER SIDE ROAD**



**PLANT INTERNAL SIDE ROAD**



**PLANT INTERNAL SIDE ROAD**



**PLANT OUTER SIDE ROAD TO PLANT INTERNAL SIDE ROAD  
ENTRANCE)**



**PLANT INTERNAL SIDE ROAD**



**PLANT INTERNAL SIDE ROAD**



**PLANT INTERNAL SIDE ROAD**



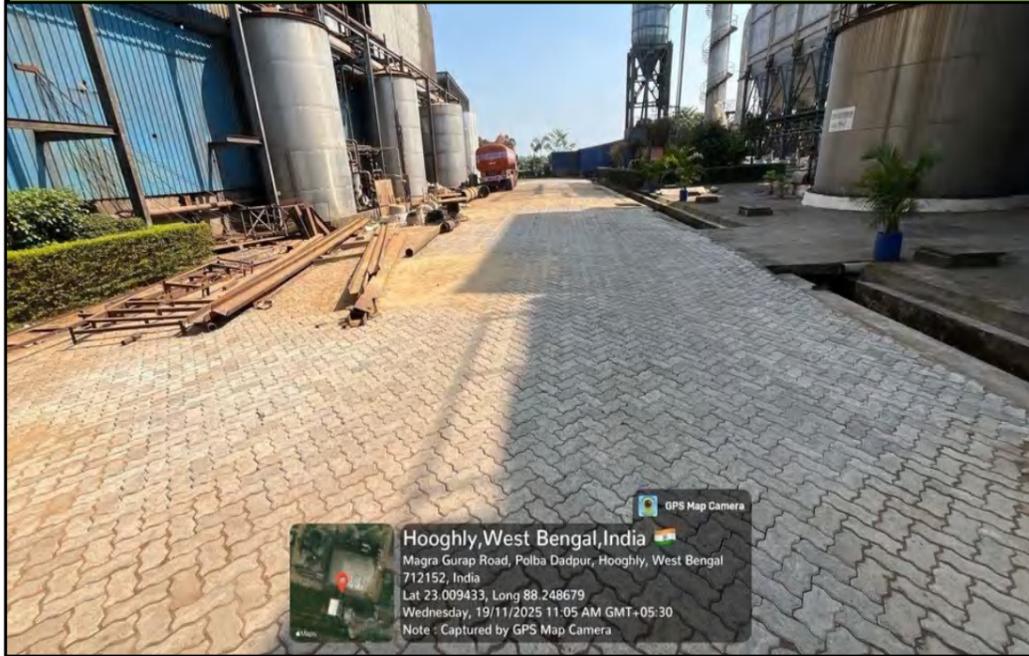
Hooghly, West Bengal, India  
Magra Gurap Road, Polba Dadpur, Hooghly, West Bengal  
712152, India  
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Wednesday, 19/11/2025 11:05 AM GMT+05:30  
Note : Captured by GPS Map Camera

PLANT INTERNAL SIDE ROAD



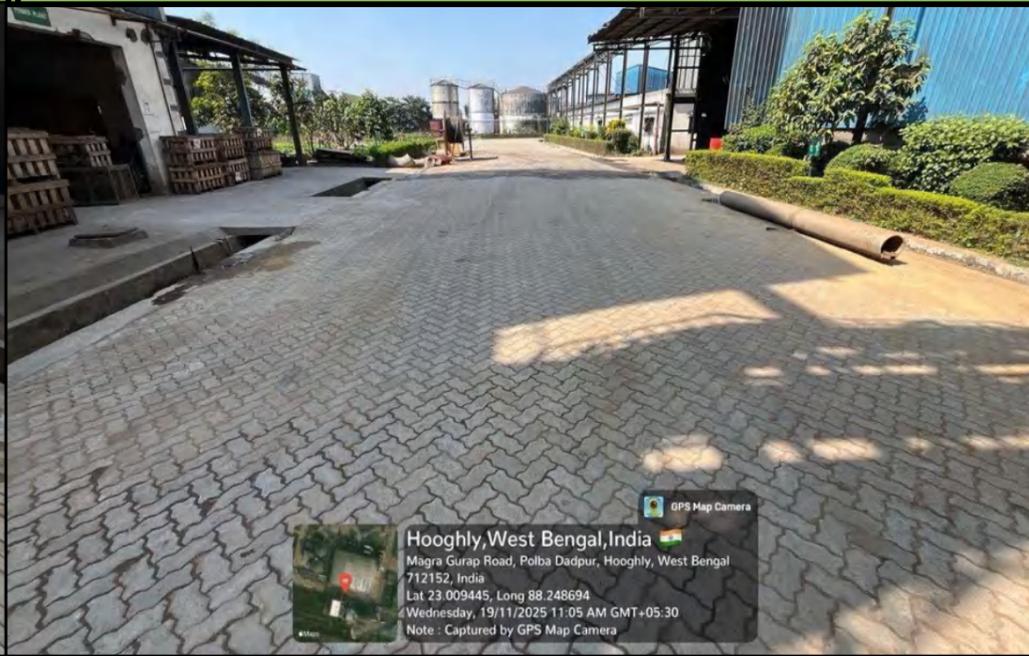
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Magra Gurap Road, Polba Dadpur, Hooghly, West Bengal  
712152, India  
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Wednesday, 19/11/2025 11:05 AM GMT+05:30  
Note : Captured by GPS Map Camera

PLANT INTERNAL SIDE ROAD



Hooghly, West Bengal, India  
Magra Gurap Road, Polba Dadpur, Hooghly, West Bengal  
712152, India  
Lat 23.009433, Long 88.248679  
Wednesday, 19/11/2025 11:05 AM GMT+05:30  
Note : Captured by GPS Map Camera

PLANT INTERNAL SIDE ROAD



Hooghly, West Bengal, India  
Magra Gurap Road, Polba Dadpur, Hooghly, West Bengal  
712152, India  
Lat 23.009445, Long 88.248694  
Wednesday, 19/11/2025 11:05 AM GMT+05:30  
Note : Captured by GPS Map Camera

PLANT INTERNAL SIDE ROAD



Hooghly, West Bengal, India  
Magra Gurap Road, Polba Dadpur, Hooghly, West Bengal  
712152, India  
Lat 23.009563, Long 88.247923  
Wednesday, 19/11/2025 11:10 AM GMT+05:30  
Note : Captured by GPS Map Camera

PLANT INTERNAL SIDE ROAD



Hooghly, West Bengal, India  
Magra Gurap Road, Polba Dadpur, Hooghly, West Bengal  
712152, India  
Lat 23.009559, Long 88.247930  
Wednesday, 19/11/2025 11:10 AM GMT+05:30  
Note : Captured by GPS Map Camera

PLANT INTERNAL SIDE ROAD

# **Annexure – 4**

## Acoustic DG:



# **Annexure – 5**

Continuous Monitoring Facilities



## Display Boards



# **Annexure – 6**

# FORM 4

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

000891

(EMBLEM OR HOLOGRAM OF THE CONCERNED AUTHORITY)

## PERMIT FOR SINKING OF NEW WELL

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

PERMIT NO. F/140010000000011105TSE

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

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

Place : Chinsurah

Date : 22-12-10

Member Secretary  
Municipal District Level  
Water Resources  
Department  
Chinsurah

OFFICE SEAL

Chandana D.  
Signature of the Issuing Authority  
and Designation.

### Conditions :

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

Member Secretary  
Municipal District Level  
Water Resources  
Department  
Chinsurah

OFFICE SEAL

CERTIFIED TRUE COPY

# **Annexure – 7**



# 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 Client        | : Alpine Distilleries Pvt. Ltd.   | Type of Industry                            | : Grain Based Distillery |                |                                    |
| Address                   | : Mauza – Nagarpura & Meghsar, Vill. + P.O. – Mahanad, P.S. – Polba, Dist. – Hooghly – 712149 | Sampling Date                               | : 19.08.2025             |                |                                    |
|                           |   | Date of Received                            | : 19.08.2025             |                |                                    |
|                           |   | Date(s) of Analysis                         | : 19.08.2025-23.08.2025  |                |                                    |
|                           |   | Date of Issue                               | : 25.08.2025             |                |                                    |
| Sampling Plan & Procedure | : ENV/SOP/01/03   | Deviation from the Sampling Method and Plan | : No                     | Type of Sample | : Industrial Effluent Water (Grab) |
| Location                  | : ETP Inlet   | Sample Condition                            | : Sealed                 | Sample ID No.  | : ENV/881/W/M/I                    |
| Report No.                | : ENV/881/TR(W)/M/I/25-26   | Sample Testing Location                     | : Permanent Testing      |                |                                    |

| SL. NO. | PARAMETERS                                      | TEST METHOD     | UNIT | RESULTS |
|---------|---|-----------------|------|---------|
| 1.      | pH  | IS 3025 Part 11 | -    | 6.72    |
| 2.      | Total Suspended Solids                          | IS 3025 Part 17 | mg/l | 110.0   |
| 3.      | Oil & Grease                                    | IS 3025 Part 39 | mg/l | <4.0    |
| 4.      | Chemical Oxygen Demand                          | IS 3025 Part 58 | mg/l | 3200.0  |
| 5.      | Biochemical Oxygen Demand<br>for 3 days at 27°C | IS 3025 Part 44 | mg/l | 1020.0  |
| 6.      | Turbidity                                       | IS 3025 Part 10 | NTU  | 2.8     |
| 7.      | Total Dissolved Solids                          | IS 3025 Part 16 | mg/l | 2100.0  |

**Remarks:** a) Sample collected by Envirocheck and sent to lab for testing in sealed condition.  
b) Result relates only to the sample tested.

Reviewed By:

**(Indrani Bhattacharyya)**  
**(Dy. Technical Manager)**

Authorized Signatory:

**(Dr. Ajoy Paul)**  
**(Quality Manager)**

H.O. : 63/B, Rastraguru Avenue, Kolkata - 700028 [ 033-25792891/25497490, Fax : 033-25299141  
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Branch Office : ▪ Siliguri ▪ Haldia ▪ Durgapur ▪ Dhanbad ▪ Gangtok ▪ Port Blair ▪ Dehradun ▪ New Delhi  
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# 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 Client        | :                   | Alpine Distilleries Pvt. Ltd.   | Type of Industry                            | :                     | Grain Based Distillery |                |   |                                  |
| Address                   | :                   | Mauza – Nagarpara & Meghsar, Vill. + P.O. – Mahanad, P.S. – Polba, Dist. – Hooghly – 712149 | Sampling Date                               | :                     | 19.08.2025             |                |   |                                  |
|                           | Date of Received    |   | :   | 19.08.2025            |                        |                |   |                                  |
|                           | Date(s) of Analysis |   | :   | 19.08.2025-23.08.2025 |                        |                |   |                                  |
|                           | Date of Issue       |   | :   | 25.08.2025            |                        |                |   |                                  |
| Sampling Plan & Procedure | :                   | ENV/SOP/01/03   | Deviation from the Sampling Method and Plan | :                     | No                     | Type of Sample | : | Industrial Effluent Water (Grab) |
| Location                  | :                   | ETP Outlet  | Sample Condition                            | :                     | Sealed                 | Sample ID No.  | : | ENV/881/W/M/II                   |
| Report No.                | :                   | ENV/881/TR(W)/M/II/25-26  | Sample Testing Location                     | :                     | Permanent Testing      |                |   |                                  |

| SL. NO. | PARAMETERS                                      | TEST METHOD     | UNIT | RESULTS | LIMIT     |
|---------|---|-----------------|------|---------|-----------|
| 1.      | pH  | IS 3025 Part 11 | -    | 7.10    | 5.5 – 9.0 |
| 2.      | Total Suspended Solids                          | IS 3025 Part 17 | mg/l | 26.0    | 100.0     |
| 3.      | Oil & Grease                                    | IS 3025 Part 39 | mg/l | <4.0    | 10.0      |
| 4.      | Chemical Oxygen Demand                          | IS 3025 Part 58 | mg/l | 70.0    | 250.0     |
| 5.      | Biochemical Oxygen Demand<br>for 3 days at 27°C | IS 3025 Part 44 | mg/l | 24.0    | 30.0      |
| 6.      | Turbidity                                       | IS 3025 Part 10 | NTU  | 1.2     | N.A.      |
| 7.      | Total Dissolved Solids                          | IS 3025 Part 16 | mg/l | 680.0   | N.A.      |

Remarks: a) Limit as per Schedule VI inserted by Rule 2(d) of the Environment (Protection) Second Amendment Rules, 1993 notified vide G.S.R. 422(E) dated 19.05.1993, published in the Gazette No. 174 dated 19.05.1993.

b) N.A. means Not Available.

c) Result relates only to the sample tested.

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

Reviewed By:

*Indrani Bhattacharyya*

(Indrani Bhattacharyya)  
(Dy. Technical Manager)

Authorized Signatory:

*Dr. Ajoy Paul*

(Dr. Ajoy Paul)  
(Quality Manager)

<End of Report>

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Overseas : ▪ UAE ▪ Qatar ▪ Netherlands



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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 Client        | : Alpine Distilleries Pvt. Ltd.   | Type of Industry                            | : Grain Based Distillery |                |                                    |
| Address                   | : Mauza - Nagarpara & Meghsar, Vill. + P.O. - Mahanad, P.S. - Polba, Dist. - Hooghly - 712149 | Sampling Date                               | : 03.09.2025             |                |                                    |
|                           |   | Date of Received                            | : 03.09.2025             |                |                                    |
|                           |   | Date(s) of Analysis                         | : 03.09.2025-06.09.2025  |                |                                    |
|                           |   | Date of Issue                               | : 08.09.2025             |                |                                    |
| Sampling Plan & Procedure | : ENV/SOP/01/03   | Deviation from the Sampling Method and Plan | : No                     | Type of Sample | : Industrial Effluent Water (Grab) |
| Location                  | : ETP Inlet   | Sample Condition                            | : Sealed                 | Sample ID No.  | : ENV/01/Sep./W/1                  |
| Report No.                | : ENV/01/Sep./TR(W)/I/25-26   | Sample Testing Location                     | : Permanent Testing      |                |                                    |

| SL. NO. | PARAMETERS                                      | TEST METHOD     | UNIT | RESULTS |
|---------|---|-----------------|------|---------|
| 1.      | pH  | IS 3025 Part 11 | -    | 6.37    |
| 2.      | Total Suspended Solids                          | IS 3025 Part 17 | mg/l | 182.5   |
| 3.      | Oil & Grease                                    | IS 3025 Part 39 | mg/l | <4.0    |
| 4.      | Chemical Oxygen Demand                          | IS 3025 Part 58 | mg/l | 4608.0  |
| 5.      | Biochemical Oxygen Demand<br>for 3 days at 27°C | IS 3025 Part 44 | mg/l | 1650.0  |
| 6.      | Turbidity                                       | IS 3025 Part 10 | NTU  | 3.2     |
| 7.      | Total Dissolved Solids                          | IS 3025 Part 16 | mg/l | 2370.0  |

Remarks: a) Sample collected by Envirocheck and sent to lab for testing in sealed condition.  
b) Result relates only to the sample tested.

Reviewed By:

(Indrani Bhattacharyya)  
(Dy. Technical Manager)

Authorized Signatory:

(Dr. Ajoy Paul)  
(Quality Manager)

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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 Client        | : | Alpine Distilleries Pvt. Ltd.  | Type of Industry                            | : | Grain Based Distillery |                |   |                                  |
| Address                   | : | Mauza - Nagarpara & Meghsar, Vill. + P.O. - Mahanad, P.S. - Polba, Dist - Hooghly - 712149 | Sampling Date                               | : | 03.09.2025             |                |   |                                  |
|                           |   |  | Date of Received                            | : | 03.09.2025             |                |   |                                  |
|                           |   |  | Date(s) of Analysis                         | : | 03.09.2025-06.09.2025  |                |   |                                  |
|                           |   |  | Date of Issue                               | : | 08.09.2025             |                |   |                                  |
| Sampling Plan & Procedure | : | ENV/SOP/01/03  | Deviation from the Sampling Method and Plan | : | No                     | Type of Sample | : | Industrial Effluent Water (Grab) |
| Location                  | : | ETP Outlet   | Sample Condition                            | : | Sealed                 | Sample ID No.  | : | ENV/01/Sep./W/II                 |
| Report No.                | : | ENV/01/Sep./TR(W)/II/25-26   | Sample Testing Location                     | : | Permanent Testing      |                |   |                                  |

| SL. NO. | PARAMETERS                                      | TEST METHOD     | UNIT | RESULTS | LIMIT     |
|---------|---|-----------------|------|---------|-----------|
| 1.      | pH  | IS 3025 Part 11 | -    | 6.89    | 5.5 - 9.0 |
| 2.      | Total Suspended Solids                          | IS 3025 Part 17 | mg/l | 32.88   | 100.0     |
| 3.      | Oil & Grease                                    | IS 3025 Part 39 | mg/l | <4.0    | 10.0      |
| 4.      | Chemical Oxygen Demand                          | IS 3025 Part 58 | mg/l | 76.8    | 250.0     |
| 5.      | Biochemical Oxygen Demand<br>for 3 days at 27°C | IS 3025 Part 44 | mg/l | 26.0    | 30.0      |
| 6.      | Turbidity                                       | IS 3025 Part 10 | NTU  | 1.4     | N.A.      |
| 7.      | Total Dissolved Solids                          | IS 3025 Part 16 | mg/l | 898.0   | N.A.      |

Remarks: a) Limit as per Schedule VI inserted by Rule 2(d) of the Environment (Protection) Second Amendment Rules, 1993 notified vide G.S.R. 422(E) dated 19.05.1993, published in the Gazette No. 174 dated 19.05.1993.

b) N.A. means Not Available.

c) Result relates only to the sample tested.

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

Reviewed By:

*Indrani Bhattacharyya*

(Indrani Bhattacharyya)  
(Dy. Technical Manager)

Authorized Signatory:

*Dr. Ajoy Paul*

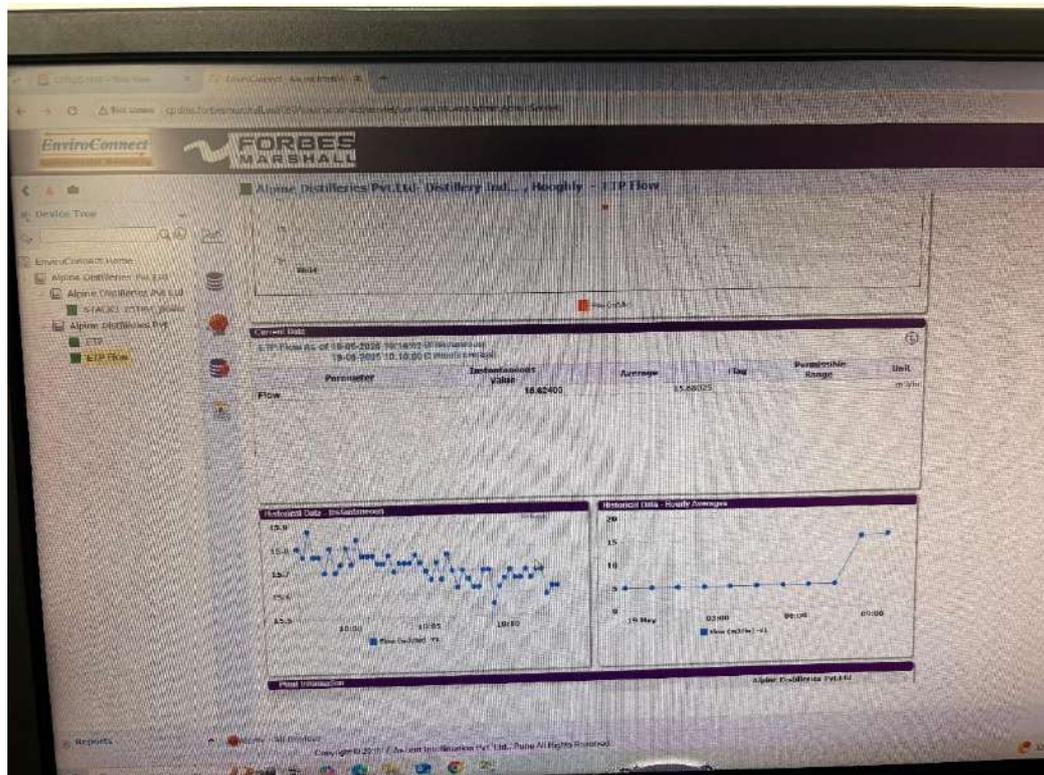
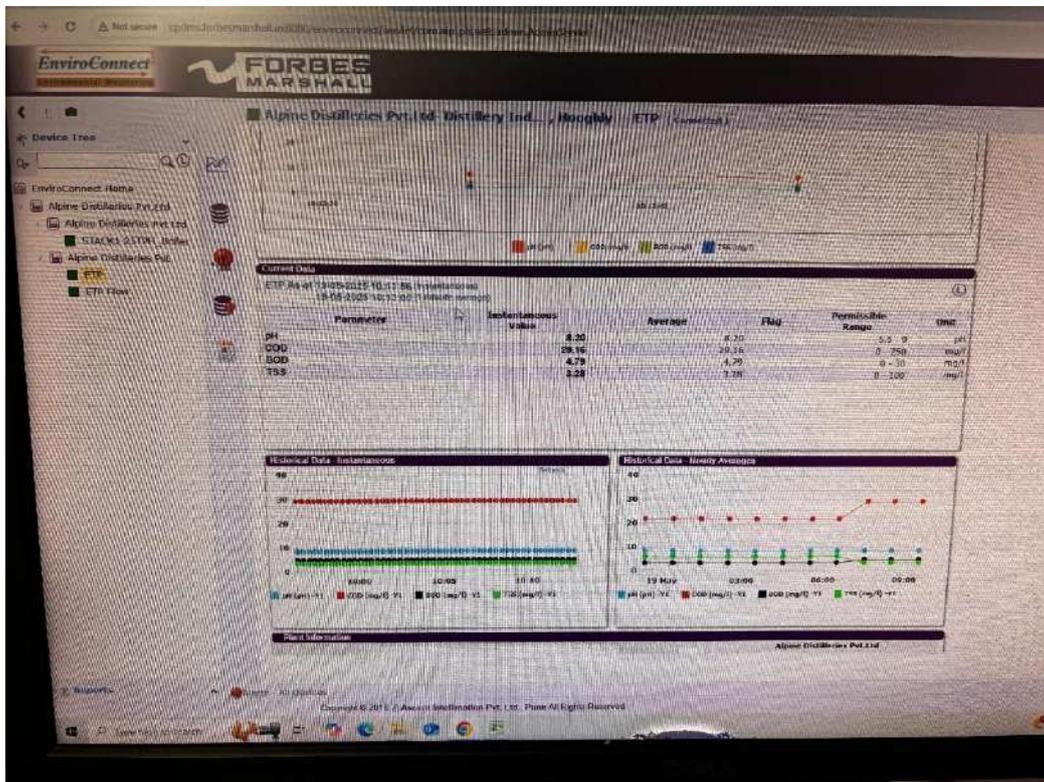
(Dr. Ajoy Paul)  
(Quality Manager)

<End of Report>

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# **Annexure – 8**

# Online Effluent Monitoring System:



# **Annexure – 9**

## Storm water drainage:



# **Annexure-10**



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FORMAT NO. ENV/FM/81

## TEST REPORT

|                           |   |   |                           |                  |                     |
|---------------------------|---|---|---------------------------|------------------|---------------------|
| Name of the Client        | : Alpine Distilleries Pvt. Ltd.   | Type of Industry                            | : Grain Based Distillery  |                  |                     |
| Address                   | : Mauza - Nagarpara & Meghsar, Vill. + P.O. - Mahanad, P.S. - Polba, Dist. - Hooghly - 712149 | Sampling Date                               | : 22.07.2025              |                  |                     |
|                           |   | Date of Received                            | : 22.07.2025              |                  |                     |
|                           |   | Date(s) of Analysis                         | : 22.07.2025-26.07.2025   |                  |                     |
|                           |   | Date of Issue                               | : 28.07.2025              |                  |                     |
| Sampling Plan & Procedure | : ENV/SOP/01/04   | Deviation from the Sampling Method and Plan | : No                      | Type of Sample   | : Ground Water      |
| Location                  | : Borewell 1  | Sample Condition                            | : Sealed                  | Testing Location | : Permanent Testing |
| Sample ID                 | : ENV/560/W/M/1   | Report No                                   | : ENV/560/TR(W)/M/1/25-26 |                  |                     |

| PARAMETERS |                           | METHOD                | UNIT | RESULTS |
|------------|---------------------------|-----------------------|------|---------|
| 1.         | pH                        | IS 3025 Part 11       | --   | 6.90    |
| 2.         | Total Dissolved Solids    | IS 3025 Part 16       | mg/l | 460.0   |
| 3.         | Chloride                  | IS 3025 Part 32       | mg/l | 56.0    |
| 4.         | Sulfate                   | IS 3025 Part 24 Sec 1 | mg/l | 64.50   |
| 5.         | Chemical Oxygen Demand    | IS 3025 Part 58       | mg/l | <5.0    |
| 6.         | Biochemical Oxygen Demand | IS 3025 Part 44       | mg/l | <2.0    |

Remarks: a) Result relates only to the sample tested.  
b) Sample collected by Envirocheck and sent to lab for testing in sealed condition.

Reviewed By:

Durbadal Chakraborty  
(Dy. Quality Manager)

Approved By:

Dr. Ajoy Paul  
(Quality Manager)

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Annexure 2



TC-6014

FORMAT NO. ENV/FM/81

## TEST REPORT

|                           |   |   |                            |                  |                     |
|---------------------------|---|---|----------------------------|------------------|---------------------|
| Name of the Client        | : Alpine Distilleries Pvt. Ltd.   | Type of Industry                            | : Grain Based Distillery   |                  |                     |
| Address                   | : Mauza - Nagarpara & Meghsar, Vill. + P.O. - Mahanad, P.S. - Polba, Dist. - Hooghly - 712149 | Sampling Date                               | : 22.07.2025               |                  |                     |
|                           |   | Date of Received                            | : 22.07.2025               |                  |                     |
|                           |   | Date(s) of Analysis                         | : 22.07.2025-26.07.2025    |                  |                     |
|                           |   | Date of Issue                               | : 28.07.2025               |                  |                     |
| Sampling Plan & Procedure | : ENV/SOP/01/04   | Deviation from the Sampling Method and Plan | : No                       | Type of Sample   | : Ground Water      |
| Location                  | : Borewell 2  | Sample Condition                            | : Sealed                   | Testing Location | : Permanent Testing |
| Sample ID                 | : ENV/560/W/M/II  | Report No                                   | : ENV/560/TR(W)/M/II/25-26 |                  |                     |

| PARAMETERS                   | METHOD                | UNIT | RESULTS |
|------------------------------|-----------------------|------|---------|
| 1. pH                        | IS 3025 Part 11       | --   | 6.84    |
| 2. Total Dissolved Solids    | IS 3025 Part 16       | mg/l | 430.0   |
| 3. Chloride                  | IS 3025 Part 32       | mg/l | 50.0    |
| 4. Sulfate                   | IS 3025 Part 24 Sec 1 | mg/l | 60.0    |
| 5. Chemical Oxygen Demand    | IS 3025 Part 58       | mg/l | <5.0    |
| 6. Biochemical Oxygen Demand | IS 3025 Part 44       | mg/l | <2.0    |

Remarks: a) Result relates only to the sample tested.  
 b) Sample collected by Envirocheck and sent to lab for testing in sealed condition.

Reviewed By:

Durbadal Chakraborty  
(Dy. Quality Manager)

Approved By:

Dr. Ajoy Paul  
(Quality Manager)

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 Laboratory : 189, 190, 192,& 51, Rastraguru Avenue, Kolkata -700028  
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 Branch Office : Siliguri ■ Haldia ■ Durgapur ■ Dhanbad ■ Port Blair ■ Noida



FORMAT NO. ENV/FM/81

## TEST REPORT

|                           |   |   |                             |                  |                     |
|---------------------------|---|---|-----------------------------|------------------|---------------------|
| Name of the Client        | : Alpine Distilleries Pvt. Ltd.   | Type of Industry                            | : Grain Based Distillery    |                  |                     |
| Address                   | : Mauza - Nagarpara & Meghsar, Vill. + P.O. - Mahanad, P.S. - Polba, Dist. - Hooghly - 712149 | Sampling Date                               | : 22.07.2025                |                  |                     |
|                           |   | Date of Received                            | : 22.07.2025                |                  |                     |
|                           |   | Date(s) of Analysis                         | : 22.07.2025-26.07.2025     |                  |                     |
|                           |   | Date of Issue                               | : 28.07.2025                |                  |                     |
| Sampling Plan & Procedure | : ENV/SOP/01/04   | Deviation from the Sampling Method and Plan | : No                        | Type of Sample   | : Ground Water      |
| Location                  | : Borewell 3  | Sample Condition                            | : Sealed                    | Testing Location | : Permanent Testing |
| Sample ID                 | : ENV/560/W/M/III   | Report No                                   | : ENV/560/TR(W)/M/III/25-26 |                  |                     |

| PARAMETERS                   | METHOD                | UNIT | RESULTS |
|------------------------------|-----------------------|------|---------|
| 1. pH                        | IS 3025 Part 11       | --   | 6.80    |
| 2. Total Dissolved Solids    | IS 3025 Part 16       | mg/l | 480.0   |
| 3. Chloride                  | IS 3025 Part 32       | mg/l | 62.0    |
| 4. Sulfate                   | IS 3025 Part 24 Sec 1 | mg/l | 67.50   |
| 5. Chemical Oxygen Demand    | IS 3025 Part 58       | mg/l | <5.0    |
| 6. Biochemical Oxygen Demand | IS 3025 Part 44       | mg/l | <2.0    |

Remarks: a) Result relates only to the sample tested.  
 b) Sample collected by Envirocheck and sent to lab for testing in sealed condition.

Reviewed By:

Durbadal Chakraborty  
(Dy. Quality Manager)

Approved By:

Dr. Ajoy Paul  
(Quality Manager)



FORMAT NO. ENV/FM/81

## TEST REPORT

|                           |   |   |                            |                  |                     |
|---------------------------|---|---|----------------------------|------------------|---------------------|
| Name of the Client        | : Alpine Distilleries Pvt. Ltd.   | Type of Industry                            | : Grain Based Distillery   |                  |                     |
| Address                   | : Mauza - Nagarpara & Meghsar, Vill. + P.O. - Mahanad, P.S. - Polba, Dist. - Hooghly - 712149 | Sampling Date                               | : 22.07.2025               |                  |                     |
|                           |   | Date of Received                            | : 22.07.2025               |                  |                     |
|                           |   | Date(s) of Analysis                         | : 22.07.2025-26.07.2025    |                  |                     |
|                           |   | Date of Issue                               | : 28.07.2025               |                  |                     |
| Sampling Plan & Procedure | : ENV/SOP/01/04   | Deviation from the Sampling Method and Plan | : No                       | Type of Sample   | : Ground Water      |
| Location                  | : Mahanod Village (East +Side)  | Sample Condition                            | : Sealed                   | Testing Location | : Permanent Testing |
| Sample ID                 | : ENV/560/W/M/IV  | Report No                                   | : ENV/560/TR(W)/M/IV/25-26 |                  |                     |

| PARAMETERS                   | METHOD                | UNIT | RESULTS |
|------------------------------|-----------------------|------|---------|
| 1. pH                        | IS 3025 Part 11       | --   | 6.76    |
| 2. Total Dissolved Solids    | IS 3025 Part 16       | mg/l | 490.0   |
| 3. Chloride                  | IS 3025 Part 32       | mg/l | 68.0    |
| 4. Sulfate                   | IS 3025 Part 24 Sec 1 | mg/l | 72.50   |
| 5. Chemical Oxygen Demand    | IS 3025 Part 58       | mg/l | <5.0    |
| 6. Biochemical Oxygen Demand | IS 3025 Part 44       | mg/l | <2.0    |

Remarks: a) Result relates only to the sample tested.  
 b) Sample collected by Envirocheck and sent to lab for testing in sealed condition.

Reviewed By:

Durbadal Chakraborty  
(Dy. Quality Manager)

Approved By:

Dr. Ajoy Paul  
(Quality Manager)

<End of Report>



# ENVIROCHECK

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## TEST REPORT

FORMAT NO. ENV/FM/81

|                           |   |   |                          |                  |                     |
|---------------------------|---|---|--------------------------|------------------|---------------------|
| Name of the Client        | : Alpine Distilleries Pvt. Ltd.   | Type of Industry                            | : Grain Based Distillery |                  |                     |
| Address                   | : Mauza – Nagarpara & Meghsar, Vill. + P.O. – Mahanad, P.S. – Polba, Dist. – Hooghly – 712149 | Sampling Date                               | : 19.08.2025             |                  |                     |
|                           |   | Date of Received                            | : 19.08.2025             |                  |                     |
|                           |   | Date(s) of Analysis                         | : 19.08.2025-23.08.2025  |                  |                     |
|                           |   | Date of Issue                               | : 25.08.2025             |                  |                     |
| Sampling Plan & Procedure | : ENV/SOP/01/04   | Deviation from the Sampling Method and Plan | : No                     | Type of Sample   | : Ground Water      |
| Location                  | : Borewell -1   | Sample Condition                            | : Sealed                 | Testing Location | : Permanent Testing |
| Sample ID                 | : ENV/882/W/M/1   | Report No                                   | : ENV/882/TR(W)/M/1      |                  |                     |

| PARAMETERS |                           | METHOD                | UNIT | RESULTS |
|------------|---------------------------|-----------------------|------|---------|
| 1.         | pH                        | IS 3025 Part 11       | --   | 7.20    |
| 2.         | Total Dissolved Solids    | IS 3025 Part 16       | mg/l | 420.0   |
| 3.         | Chloride                  | IS 3025 Part 32       | mg/l | 26.50   |
| 4.         | Sulfate                   | IS 3025 Part 24 Sec 1 | mg/l | 30.0    |
| 5.         | Chemical Oxygen Demand    | IS 3025 Part 58       | mg/l | <5.0    |
| 6.         | Biochemical Oxygen Demand | IS 3025 Part 44       | mg/l | <2.0    |

Remarks: a) Result relates only to the sample tested.

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

Reviewed By:

Durbadal Chakraborty  
(Dy. Quality Manager)

Approved By:

Dr. Ajoy Paul  
(Quality Manager)



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## TEST REPORT

FORMAT NO. ENV/FM/81

|                           |   |   |                          |                  |                     |
|---------------------------|---|---|--------------------------|------------------|---------------------|
| Name of the Client        | : Alpine Distilleries Pvt. Ltd.   | Type of Industry                            | : Grain Based Distillery |                  |                     |
| Address                   | : Mauza – Nagarpara & Meghsar, Vill. + P.O. – Mahanad, P.S. – Polba, Dist. – Hooghly – 712149 | Sampling Date                               | : 19.08.2025             |                  |                     |
|                           |   | Date of Received                            | : 19.08.2025             |                  |                     |
|                           |   | Date(s) of Analysis                         | : 19.08.2025-23.08.2025  |                  |                     |
|                           |   | Date of Issue                               | : 25.08.2025             |                  |                     |
| Sampling Plan & Procedure | : ENV/SOP/01/04   | Deviation from the Sampling Method and Plan | : No                     | Type of Sample   | : Ground Water      |
| Location                  | : Borewell -2   | Sample Condition                            | : Sealed                 | Testing Location | : Permanent Testing |
| Sample ID                 | : ENV/882/W/M/II  | Report No                                   | : ENV/882/TR(W)/M/II     |                  |                     |

| PARAMETERS |                           | METHOD                | UNIT | RESULTS |
|------------|---------------------------|-----------------------|------|---------|
| 1.         | pH                        | IS 3025 Part 11       | --   | 6.90    |
| 2.         | Total Dissolved Solids    | IS 3025 Part 16       | mg/l | 440.0   |
| 3.         | Chloride                  | IS 3025 Part 32       | mg/l | 28.0    |
| 4.         | Sulfate                   | IS 3025 Part 24 Sec 1 | mg/l | 36.50   |
| 5.         | Chemical Oxygen Demand    | IS 3025 Part 58       | mg/l | <5.0    |
| 6.         | Biochemical Oxygen Demand | IS 3025 Part 44       | mg/l | <2.0    |

Remarks: a) Result relates only to the sample tested.  
b) Sample collected by Envirocheck and sent to lab for testing in sealed condition.

Reviewed By:

Durbadal Chakraborty  
(Dy. Quality Manager)

Approved By:

Dr. Ajoy Paul  
(Quality Manager)

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

FORMAT NO. ENV/FM/81

|                           |   |   |                          |                  |                     |
|---------------------------|---|---|--------------------------|------------------|---------------------|
| Name of the Client        | : Alpine Distilleries Pvt. Ltd.   | Type of Industry                            | : Grain Based Distillery |                  |                     |
| Address                   | : Mauza - Nagarpara & Meghsar, Vill. + P.O. - Mahanad, P.S. - Polba, Dist. - Hooghly - 712149 | Sampling Date                               | : 19.08.2025             |                  |                     |
|                           |   | Date of Received                            | : 19.08.2025             |                  |                     |
|                           |   | Date(s) of Analysis                         | : 19.08.2025-23.08.2025  |                  |                     |
|                           |   | Date of Issue                               | : 25.08.2025             |                  |                     |
| Sampling Plan & Procedure | : ENV/SOP/01/04   | Deviation from the Sampling Method and Plan | : No                     | Type of Sample   | : Ground Water      |
| Location                  | : Borewell -3   | Sample Condition                            | : Sealed                 | Testing Location | : Permanent Testing |
| Sample ID                 | : ENV/882/W/M/III   | Report No                                   | : ENV/882/TR(W)/M/III    |                  |                     |

| PARAMETERS |                           | METHOD                | UNIT | RESULTS |
|------------|---------------------------|-----------------------|------|---------|
| 1.         | pH                        | IS 3025 Part 11       | --   | 6.92    |
| 2.         | Total Dissolved Solids    | IS 3025 Part 16       | mg/l | 460.0   |
| 3.         | Chloride                  | IS 3025 Part 32       | mg/l | 36.50   |
| 4.         | Sulfate                   | IS 3025 Part 24 Sec 1 | mg/l | 50.0    |
| 5.         | Chemical Oxygen Demand    | IS 3025 Part 58       | mg/l | <5.0    |
| 6.         | Biochemical Oxygen Demand | IS 3025 Part 44       | mg/l | <2.0    |

Remarks: a) Result relates only to the sample tested.  
b) Sample collected by Envirocheck and sent to lab for testing in sealed condition.

Reviewed By:

Durbadal Chakraborty  
(Dy. Quality Manager)

Approved By:

Dr. Ajoy Paul  
(Quality Manager)

<End of Report>



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## TEST REPORT

FORMAT NO. ENV/FM/81

|                           |   |   |                                |                  |                     |
|---------------------------|---|---|--------------------------------|------------------|---------------------|
| Name of the Client        | : Alpine Distilleries Pvt. Ltd.   | Type of Industry                            | : Grain Based Distillery       |                  |                     |
| Address                   | : Mauza – Nagarpara & Meghsar, Vill. + P.O. – Mahanad, P.S. – Polba, Dist. – Hooghly – 712149 | Sampling Date                               | : 03.09.2025                   |                  |                     |
|                           |   | Date of Received                            | : 03.09.2025                   |                  |                     |
|                           |   | Date(s) of Analysis                         | : 03.09.2025-08.09.2025        |                  |                     |
|                           |   | Date of Issue                               | : 09.09.2025                   |                  |                     |
| Sampling Plan & Procedure | : ENV/SOP/01/04   | Deviation from the Sampling Method and Plan | : No                           | Type of Sample   | : Ground Water      |
| Location                  | : Borewell -1   | Sample Condition                            | : Sealed                       | Testing Location | : Permanent Testing |
| Sample ID                 | : ENV/01/Sep./SCGW/I  | Report No                                   | : ENV/01/Sep./TR(SCGW)/I/25-26 |                  |                     |

| PARAMETERS |                           | METHOD                | UNIT | RESULTS |
|------------|---------------------------|-----------------------|------|---------|
| 1.         | pH                        | IS 3025 Part 11       | --   | 7.40    |
| 2.         | Total Dissolved Solids    | IS 3025 Part 16       | mg/l | 392.0   |
| 3.         | Chloride                  | IS 3025 Part 32       | mg/l | 19.99   |
| 4.         | Sulfate                   | IS 3025 Part 24 Sec 1 | mg/l | 42.5    |
| 5.         | Chemical Oxygen Demand    | IS 3025 Part 58       | mg/l | <5.0    |
| 6.         | Biochemical Oxygen Demand | IS 3025 Part 44       | mg/l | <2.0    |

Remarks: a) Result relates only to the sample tested.

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

Reviewed By:

Durbadal Chakraborty  
(Dy. Quality Manager)

Approved By:

Dr. Ajoy Paul  
(Quality Manager)



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Annexure 2

## TEST REPORT

FORMAT NO. ENV/FM/81

|                           |   |   |                                 |                  |                     |
|---------------------------|---|---|---------------------------------|------------------|---------------------|
| Name of the Client        | : Alpine Distilleries Pvt. Ltd.   | Type of Industry                            | : Grain Based Distillery        |                  |                     |
| Address                   | : Mauza – Nagarpara & Meghsar, Vill. + P.O. – Mahanad, P.S. – Polba, Dist. – Hooghly – 712149 | Sampling Date                               | : 03.09.2025                    |                  |                     |
|                           |   | Date of Received                            | : 03.09.2025                    |                  |                     |
|                           |   | Date(s) of Analysis                         | : 03.09.2025-08.09.2025         |                  |                     |
|                           |   | Date of Issue                               | : 09.09.2025                    |                  |                     |
| Sampling Plan & Procedure | : ENV/SOP/01/04   | Deviation from the Sampling Method and Plan | : No                            | Type of Sample   | : Ground Water      |
| Location                  | : Borewell -2   | Sample Condition                            | : Sealed                        | Testing Location | : Permanent Testing |
| Sample ID                 | : ENV/01/Sep./SCGW/II   | Report No                                   | : ENV/01/Sep./TR(SCGW)/II/25-26 |                  |                     |

| PARAMETERS |                           | METHOD                | UNIT | RESULTS |
|------------|---------------------------|-----------------------|------|---------|
| 1.         | pH                        | IS 3025 Part 11       | --   | 7.52    |
| 2.         | Total Dissolved Solids    | IS 3025 Part 16       | mg/l | 460.0   |
| 3.         | Chloride                  | IS 3025 Part 32       | mg/l | 23.99   |
| 4.         | Sulfate                   | IS 3025 Part 24 Sec 1 | mg/l | 50.5    |
| 5.         | Chemical Oxygen Demand    | IS 3025 Part 58       | mg/l | <5.0    |
| 6.         | Biochemical Oxygen Demand | IS 3025 Part 44       | mg/l | <2.0    |

Remarks: a) Result relates only to the sample tested.  
b) Sample collected by Envirocheck and sent to lab for testing in sealed condition.

Reviewed By:

Durbadal Chakraborty  
(Dy. Quality Manager)

Approved By:

Dr. Ajoy Paul  
(Quality Manager)

H.O. : 63/B, Rastraguru Avenue, Kolkata - 700028 ( 033-25792891/25497490, Fax : 033-25299141  
Laboratory : 189,190,192,186 & 51 Rastraguru Avenue, Kolkata - 700028 ( 033-25792889  
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## TEST REPORT

FORMAT NO. ENV/FM/81

|                           |   |   |                                  |                  |                     |
|---------------------------|---|---|----------------------------------|------------------|---------------------|
| Name of the Client        | : Alpine Distilleries Pvt. Ltd.   | Type of Industry                            | : Grain Based Distillery         |                  |                     |
| Address                   | : Mauza - Nagarpara & Meghsar, Vill. + P.O. - Mahanad, P.S. - Polba, Dist. - Hooghly - 712149 | Sampling Date                               | : 03.09.2025                     |                  |                     |
|                           |   | Date of Received                            | : 03.09.2025                     |                  |                     |
|                           |   | Date(s) of Analysis                         | : 03.09.2025-08.09.2025          |                  |                     |
|                           |   | Date of Issue                               | : 09.09.2025                     |                  |                     |
| Sampling Plan & Procedure | : ENV/SOP/01/04   | Deviation from the Sampling Method and Plan | : No                             | Type of Sample   | : Ground Water      |
| Location                  | : Borewell -3   | Sample Condition                            | : Sealed                         | Testing Location | : Permanent Testing |
| Sample ID                 | : ENV/01/Sep./SCGW/III  | Report No                                   | : ENV/01/Sep./TR(SCGW)/III/25-26 |                  |                     |

| PARAMETERS |                           | METHOD                | UNIT | RESULTS |
|------------|---------------------------|-----------------------|------|---------|
| 1.         | pH                        | IS 3025 Part 11       | --   | 7.45    |
| 2.         | Total Dissolved Solids    | IS 3025 Part 16       | mg/l | 370.0   |
| 3.         | Chloride                  | IS 3025 Part 32       | mg/l | 15.99   |
| 4.         | Sulfate                   | IS 3025 Part 24 Sec 1 | mg/l | 37.5    |
| 5.         | Chemical Oxygen Demand    | IS 3025 Part 58       | mg/l | <5.0    |
| 6.         | Biochemical Oxygen Demand | IS 3025 Part 44       | mg/l | <2.0    |

Remarks: a) Result relates only to the sample tested.  
b) Sample collected by Envirocheck and sent to lab for testing in sealed condition.

Reviewed By:

Durbadal Chakraborty  
(Dy. Quality Manager)

Approved By:

Dr. Ajoy Paul  
(Quality Manager)

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Annexure 2

## TEST REPORT

FORMAT NO. ENV/FM/81

|                           |   |   |                                 |                  |                     |
|---------------------------|---|---|---------------------------------|------------------|---------------------|
| Name of the Client        | : Alpine Distilleries Pvt. Ltd.   | Type of Industry                            | : Grain Based Distillery        |                  |                     |
| Address                   | : Mauza – Nagarpara & Meghsar, Vill. + P.O. – Mahanad, P.S. – Polba, Dist. – Hooghly – 712149 | Sampling Date                               | : 03.09.2025                    |                  |                     |
|                           |   | Date of Received                            | : 03.09.2025                    |                  |                     |
|                           |   | Date(s) of Analysis                         | : 03.09.2025-08.09.2025         |                  |                     |
|                           |   | Date of Issue                               | : 09.09.2025                    |                  |                     |
| Sampling Plan & Procedure | : ENV/SOP/01/04   | Deviation from the Sampling Method and Plan | : No                            | Type of Sample   | : Ground Water      |
| Location                  | : Mahanad Village (East Side)   | Sample Condition                            | : Sealed                        | Testing Location | : Permanent Testing |
| Sample ID                 | : ENV/01/Sep./SCGW/IV   | Report No                                   | : ENV/01/Sep./TR(SCGW)/IV/25-26 |                  |                     |

| PARAMETERS |                           | METHOD                | UNIT | RESULTS |
|------------|---------------------------|-----------------------|------|---------|
| 1.         | pH                        | IS 3025 Part 11       | --   | 7.38    |
| 2.         | Total Dissolved Solids    | IS 3025 Part 16       | mg/l | 364.0   |
| 3.         | Chloride                  | IS 3025 Part 32       | mg/l | 13.99   |
| 4.         | Sulfate                   | IS 3025 Part 24 Sec 1 | mg/l | 42.5    |
| 5.         | Chemical Oxygen Demand    | IS 3025 Part 58       | mg/l | <5.0    |
| 6.         | Biochemical Oxygen Demand | IS 3025 Part 44       | mg/l | <2.0    |

Remarks: a) Result relates only to the sample tested.  
b) Sample collected by Envirocheck and sent to lab for testing in sealed condition.

Reviewed By:

Durbadal Chakraborty  
(Dy. Quality Manager)

Approved By:

Dr. Ajoy Paul  
(Quality Manager)

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Annexure 2

## TEST REPORT

FORMAT NO. ENV/FM/81

|                           |   |   |                                |                  |                     |
|---------------------------|---|---|--------------------------------|------------------|---------------------|
| Name of the Client        | : Alpine Distilleries Pvt. Ltd.   | Type of Industry                            | : Grain Based Distillery       |                  |                     |
| Address                   | : Mauza – Nagarpara & Meghsar, Vill. + P.O. – Mahanad, P.S. – Polba, Dist. – Hooghly – 712149 | Sampling Date                               | : 03.09.2025                   |                  |                     |
|                           |   | Date of Received                            | : 03.09.2025                   |                  |                     |
|                           |   | Date(s) of Analysis                         | : 03.09.2025-08.09.2025        |                  |                     |
|                           |   | Date of Issue                               | : 09.09.2025                   |                  |                     |
| Sampling Plan & Procedure | : ENV/SOP/01/04   | Deviation from the Sampling Method and Plan | : No                           | Type of Sample   | : Ground Water      |
| Location                  | : Mahanad Village (North Side)  | Sample Condition                            | : Sealed                       | Testing Location | : Permanent Testing |
| Sample ID                 | : ENV/01/Sep./SCGW/V  | Report No                                   | : ENV/01/Sep./TR(SCGW)/V/25-26 |                  |                     |

| PARAMETERS |                           | METHOD                | UNIT | RESULTS |
|------------|---------------------------|-----------------------|------|---------|
| 1.         | pH                        | IS 3025 Part 11       | --   | 7.62    |
| 2.         | Total Dissolved Solids    | IS 3025 Part 16       | mg/l | 436.0   |
| 3.         | Chloride                  | IS 3025 Part 32       | mg/l | 25.99   |
| 4.         | Sulfate                   | IS 3025 Part 24 Sec 1 | mg/l | 42.2    |
| 5.         | Chemical Oxygen Demand    | IS 3025 Part 58       | mg/l | <5.0    |
| 6.         | Biochemical Oxygen Demand | IS 3025 Part 44       | mg/l | <2.0    |

Remarks: a) Result relates only to the sample tested.  
b) Sample collected by Envirocheck and sent to lab for testing in sealed condition.

Reviewed By:

Durbadal Chakraborty  
(Dy. Quality Manager)

Approved By:

Dr. Ajoy Paul  
(Quality Manager)

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## TEST REPORT

FORMAT NO. ENV/FM/81

|                           |   |   |                                 |                  |                     |
|---------------------------|---|---|---------------------------------|------------------|---------------------|
| Name of the Client        | : Alpine Distilleries Pvt. Ltd.   | Type of Industry                            | : Grain Based Distillery        |                  |                     |
| Address                   | : Mauza - Nagarpara & Meghsar, Vill. + P.O. - Mahanad, P.S. - Polba, Dist. - Hooghly - 712149 | Sampling Date                               | : 03.09.2025                    |                  |                     |
|                           |   | Date of Received                            | : 03.09.2025                    |                  |                     |
|                           |   | Date(s) of Analysis                         | : 03.09.2025-08.09.2025         |                  |                     |
|                           |   | Date of Issue                               | : 09.09.2025                    |                  |                     |
| Sampling Plan & Procedure | : ENV/SOP/01/04   | Deviation from the Sampling Method and Plan | : No                            | Type of Sample   | : Ground Water      |
| Location                  | : Mahanad Village (West Side)   | Sample Condition                            | : Sealed                        | Testing Location | : Permanent Testing |
| Sample ID                 | : ENV/01/Sep./SCGW/VI   | Report No                                   | : ENV/01/Sep./TR(SCGW)/VI/25-26 |                  |                     |

| PARAMETERS |                           | METHOD                | UNIT | RESULTS |
|------------|---------------------------|-----------------------|------|---------|
| 1.         | pH                        | IS 3025 Part 11       | --   | 7.54    |
| 2.         | Total Dissolved Solids    | IS 3025 Part 16       | mg/l | 406.0   |
| 3.         | Chloride                  | IS 3025 Part 32       | mg/l | 19.99   |
| 4.         | Sulfate                   | IS 3025 Part 24 Sec 1 | mg/l | 52.5    |
| 5.         | Chemical Oxygen Demand    | IS 3025 Part 58       | mg/l | <5.0    |
| 6.         | Biochemical Oxygen Demand | IS 3025 Part 44       | mg/l | <2.0    |

Remarks: a) Result relates only to the sample tested.  
b) Sample collected by Envirocheck and sent to lab for testing in sealed condition.

Reviewed By:

Durbadal Chakraborty  
(Dy. Quality Manager)

Approved By:

Dr. Ajoy Paul  
(Quality Manager)

<End of Report>

H.O. : 63/B, Rastraguru Avenue, Kolkata - 700028 ( 033-25792891/25497490, Fax : 033-25299141  
Laboratory : 189,190,192,186 & 51 Rastraguru Avenue, Kolkata - 700028 ( 033-25792889  
Email : info@envirocheck.in/envirocheck50@gmail.com / Website : www.envirocheck.in  
Branch Office : ▪ Siliguri ▪ Haldia ▪ Durgapur ▪ Dhanbad ▪ Gangtok ▪ Port Blair ▪ Dehradun ▪ New Delhi  
Overseas : ▪ UAE ▪ Qatar ▪ Netherlands

## Piezometer:



# **Annexure-11**

## Wet cake Dryer:



# **Annexure-12**

**Coal Storage Area:**



# **Annexure-13**

# Fire Fighting Equipments in the Premise



# **Annexure-14**

# ALPINE DISTILLERIES PVT LTD

---

## 1. Risk Assessment Report

### 1.1 Objective

To identify, analyze, and minimize workplace risks to ensure safe and sustainable operations.

### 1.2 Methodology

- Hazard Identification
- Risk Evaluation (Likelihood × Severity)
- Control Measures

### 1.3 Risk Matrix

| S. No. | Activity / Area     | Hazard                     | Risk Level | Control Measures                      |
|--------|---------------------|----------------------------|------------|---------------------------------------|
| 1      | Chemical Handling   | Chemical burns, inhalation | High       | PPE, Training, MSDS availability      |
| 2      | Boiler Operation    | Explosion, heat exposure   | High       | Pressure monitoring, safety valves    |
| 3      | ETP / WTP Operation | Slips, chemical splash     | Medium     | Guardrails, signage, chemical gloves  |
| 4      | Electrical Panels   | Electric shock, fire       | High       | Earthing, insulation, lock-out system |

### 1.4 Conclusion

Risk assessment indicates **high-risk areas** in chemical handling, boiler operation, and electrical systems. Preventive actions and continuous monitoring are essential.

---

---

## Alpine Distilleries Pvt. Ltd.

Department: ETP, WTP, Boiler, Cooling Tower, Storage, Process Area

Prepared By: Safety/Environment Team

Date of Assessment: [19/062025]

Review Frequency: 6 Months

### **Hazard Identification & Risk Assessment Table**

| Sr. No. | Area / Activity                                   | Hazard                                      | Possible Consequence    | Risk Level (H/M/L) |
|---------|---|---|-------------------------|--------------------|
|         | Existing Controls                                 | Recommended                                 | Corrective Actions      |                    |
|         | Responsible Person                                | Timeline                                    |                         |                    |
| 1       | Boiler House                                      | High pressure steam leak                    | Burns, Explosion        | High               |
|         | Safety valves, Pressure gauges, Trained operators | Monthly calibration, Safety drills          | Boiler In-Charge        | Immediate          |
| 2       | Cooling Tower                                     | Legionella bacteria growth                  | Respiratory disease     | Medium             |
|         | Regular cleaning, Dosing                          | Utility Manager                             | Quarterly water testing | 1 Month            |
| 3       | ETP Aeration Tank                                 | Accidental fall into tank                   | Drowning                | High               |
|         | Railings, Safety ropes                            | Life buoys, Safety training                 | ETP In-Charge           | Immediate          |
| 4       | Chemical Storage (Chlorine, H2SO4, NaOH)          | Chemical burns, Toxic gas leak              | Injury, Fire hazard     | High               |
|         | High PPE, MSDS, Bund walls                        | SCBA Safety sets, Regular leak testing      | Officer                 | Ongoing            |
| 5       | Alcohol Storage (Spirit/RS/ENA)                   | Fire & Explosion                            | Major Accident          | High               |
|         | Fire hydrants, Foam extinguishers                 | Intrinsically safe electricals, Mock drills | Fire & Safety Head      | Immediate          |
| 6       | WTP Plant   | Slip/fall near wet floor                    | Minor Injury            | Low                |
|         | Anti-slip mats, Signage                           | Regular housekeeping                        | WTP Operator            | Weekly             |

|                  |  |
|------------------|--|
| 7<br>detectors   | Biogas Plant (UASB) Methane gas leak<br>Flame arrestor Calibration of sensors, Emergency response plan<br>Biogas In-Charge Immediate |
| 8                | Electrical Panels Electric shock Fatal High Earthing, Insulated tools<br>Annual audit, LOTO procedure Electrical Engineer 3 Months   |
| 9                | General Site Noise from DG sets, pumps Hearing loss<br>Medium Acoustic enclosures Ear plug distribution Admin & Safety<br>Ongoing    |
| 10<br>Supervisor | Workshop/Maintenance Welding, cutting sparks Fire hazard<br>Medium Fire extinguishers Hot work permit system Workshop<br>Immediate   |

### Risk Matrix (Example)

Severity ↓ / Probability →    Low (1)    Medium (2)    High (3)

|                        |        |        |        |
|------------------------|--------|--------|--------|
| Minor Injury (1)       | Low    | Low    | Medium |
| Major Injury (2)       | Low    | Medium | High   |
| Fatality/Explosion (3) | Medium | High   | High   |

### Conclusion

Most critical hazards: Boiler, Alcohol Storage, Biogas Plant, Chemical Handling

Regular training + PPE + mock drills are mandatory.

Document should be reviewed every 6 months or after any major incident.

# RISK ASSESSMENT REPORT

## 1. Fire and Explosion Risk Due to Storage of Alcohol

Alpine Distilleries Pvt. Ltd.

Report Title: Risk Assessment Report – Alcohol Storage

Prepared By: Mohammad Adnan, WTP Manager / Safety Officer

Date: [15/07/2025]

### 2. Introduction

This report is prepared to assess the fire and explosion risks associated with the storage of alcohol at Alpine Distilleries Pvt. Ltd. The purpose of the assessment is to identify hazards, evaluate the level of risk, and recommend preventive and control measures to ensure the safety of personnel, equipment, and the environment.

### 3. Process & Storage Details

Type of Alcohol Stored: [Ethanol / ENA / RS]

Storage Capacity: [ 17kL ]

Number of Storage Tanks: [ 4 ]

Material of Construction: [Mild Steel / SS]

Tank Location: warehouse

Handling Process: Alcohol is transferred via dedicated pipelines from production to storage tanks under controlled conditions.

### 4. Hazard Identification

Major Hazards Identified:

1. Fire due to alcohol vapour ignition.
2. Explosion from vapour-air mixture in confined space.

3. Alcohol leakage and spillage.
4. Static electricity discharge.
5. Human error during handling.

### 5. Risk Analysis Table (HAZOP Style)

| Hazard  | Possible Causes                 | Consequences | Likelihood  |
|---|---------------------------------|--------------|---|
|   | Severity                        | Risk Level   | Control Measures  |
| Fire due to spark<br>flameproof fittings                  | Static discharge<br>Medium      | High         | Fire, injury, damage<br>High<br>Earthing, bonding,                      |
| Explosion<br>equipment loss<br>detectors                  | Vapour accumulation<br>Low      | High         | Fatal injury,<br>Medium<br>Ventilation, gas                             |
| Leak from valve<br>damage                                 | Corrosion, failure<br>Medium    | Medium       | Fire hazard, environmental<br>Medium<br>Regular inspection, maintenance |
| Spillage during transfer<br>spill kits, trained operators | Hose/pipeline failure<br>Medium | Medium       | Fire risk, slip hazard<br>Medium<br>Use of                              |
| Human error<br>compliance                                 | Negligence<br>Low               | Medium       | Injury, fire, equipment damage<br>Low<br>Training, SOP                  |

### 6. Control & Preventive Measures

- Installation of hydrants, fire extinguishers, and sprinklers in alcohol storage areas.
- All electrical equipment in storage area to be flameproof.
- Earthing and bonding for all tanks and transfer lines.
- Strict "No Smoking" policy and hot work permit system.

Regular inspection and preventive maintenance of storage tanks and valves.

Alcohol vapour detection and alarm system.

Adequate ventilation to prevent vapour accumulation.

Availability of spill control kits in storage area.

Proper safety signage at all strategic locations.

## **7. Emergency Preparedness**

Emergency Contact Numbers: [Plant safety head, fire brigade, hospital, etc.]

Alarm System: Audible & visual alarms for fire/emergency.

Evacuation Plan: Clearly marked exit routes and muster points.

Mock Drills: Conducted every 6 months.

Firefighting Team: Trained personnel available in each shift.

## **8. Monitoring & Review Frequency**

Risk assessment will be conducted every 6 months.

Immediate review after:

Any incident/near-miss.

Any plant modification affecting alcohol storage.

## **9. Conclusion**

Based on the present study, the fire and explosion risks associated with alcohol storage are under control if all recommended preventive measures are strictly followed. Regular monitoring, maintenance, and periodic reviews are essential to ensure continued safety.

Annexure 1: Site layout showing alcohol storage. ✓

Annexure 2: List & location of firefighting equipment.

Annexure 3: Photographs of alcohol storage area & safety systems.

Annexure 4: MSDS of alcohol.

# **Annexure-15**



**DEPARTMENT OF HEALTH & FAMILY WELFARE  
GOVERNMENT OF WEST BENGAL  
OPD PATIENT CARD**

Name : **Bibhas Guini** Day : **13/10/25**  
 Sex : **Male** Age : **30** Yrs  Months Days  
 Ref. Form : Reg. No. :  
 Reg. Date :  
 Card No. :  
 Visit No. : **1** Department : Visit Date : Time : **12.15 pm.**  
 Doctor / Unit Name (DOW) :  
 Room No. : Entry No. :

Visit No. : **2**  
 Visit Date : Tm.  
 Department :  
 Doctor/Unit :  
 Entry No. :

Visit No. : **3**  
 Visit Date : Tm.  
 Department :  
 Doctor/Unit :  
 Entry No. :

Visit No. : **4**  
 Visit Date : Tm.  
 Department :  
 Doctor/Unit :  
 Entry No. :

Clinical Notes

Chest - NA  
 Temperature - NA.  
 Cerebrum  
 S1 & S2  
 Audible  
 Pulse - 78/min.  
 vision - 6/6  
 not colour blind  
 Adv: Routine  
 1. Blood cbc  
 2. Spymetry  
 3. E.C.G.  
 4. Audiometry

ADVICE

*Rp* \_\_\_\_\_

*[Signature]*  
 13/10/25

# GOODDAYS DIAGNOSTIC CENTRE

Annexure 3

FARM SIDE ROAD, CHINSURAH, HOOGHLY

PHONE 9432424142

Patient: BIBHAS GIRI

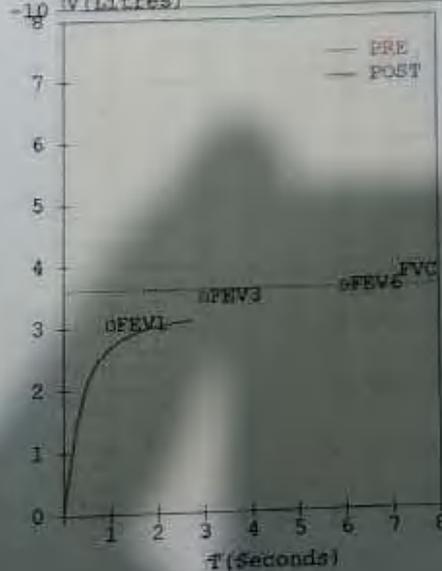
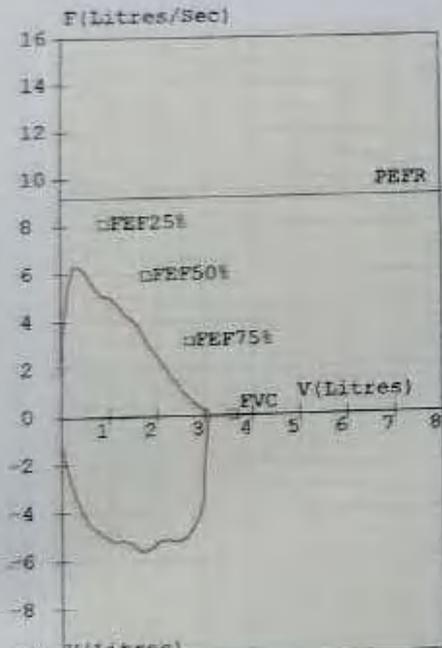
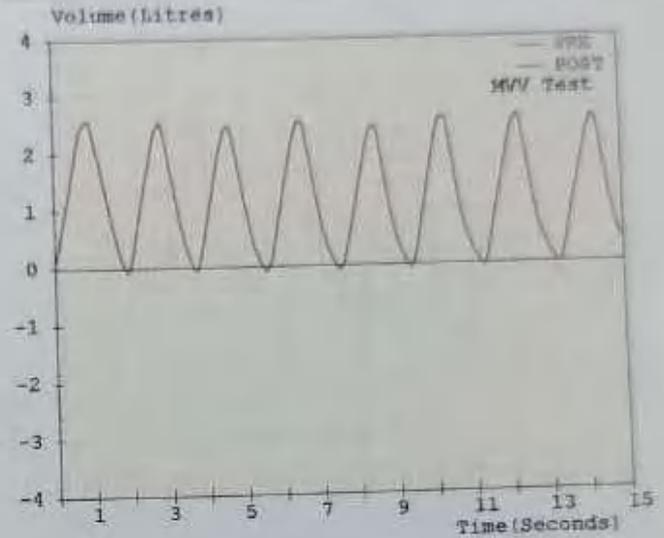
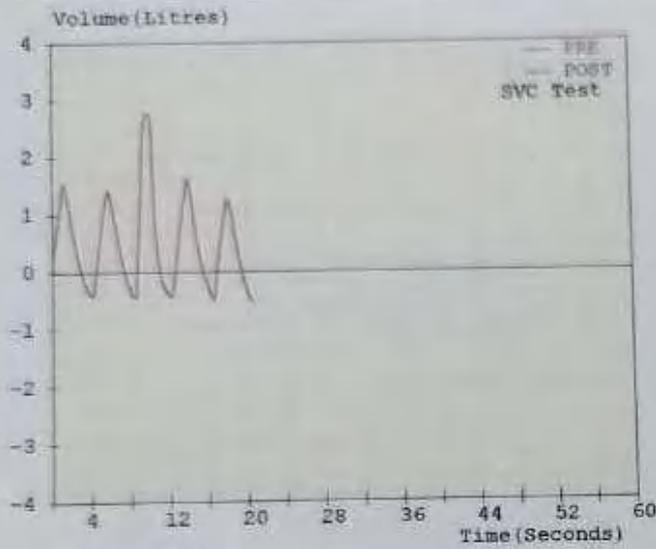
Refd. By: M.O

Pred. Eqns: RECORDERS

Date : 13-Oct-2025 03:42 PM

Age : 30 Yrs  
 Height : 170 Cms  
 Weight : 68 Kgs  
 ID : 30

Gender : Male  
 Smoker : Yes  
 Eth. Corr: 100  
 Temp :



### Spirometry Results

| Parameter       | Pred  | M.Pre  | %Pred | M.Post | %Pred | %Imp |
|-----------------|-------|--------|-------|--------|-------|------|
| FVC (L)         | 03.59 | 03.11  | 087   | ---    | ---   | ---  |
| FEV1 (L)        | 03.04 | 02.72  | 089   | ---    | ---   | ---  |
| FEV1/FVC (%)    | 84.68 | 87.46  | 103   | ---    | ---   | ---  |
| FEF25-75 (L/s)  | 04.39 | 03.14  | 072   | ---    | ---   | ---  |
| PEFR (L/s)      | 09.20 | 06.29  | 068   | ---    | ---   | ---  |
| FIVC (L)        | ---   | 03.25  | ---   | ---    | ---   | ---  |
| FEV.5 (L)       | ---   | 02.12  | ---   | ---    | ---   | ---  |
| FEV3 (L)        | 03.48 | 03.11  | 089   | ---    | ---   | ---  |
| PIFR (L/s)      | ---   | 05.59  | ---   | ---    | ---   | ---  |
| FEF75-95 (L/s)  | ---   | 01.02  | ---   | ---    | ---   | ---  |
| FEF.2-1.2 (L/s) | 07.57 | 05.37  | 071   | ---    | ---   | ---  |
| FEF 25% (L/s)   | 08.08 | 05.18  | 064   | ---    | ---   | ---  |
| FEF 50% (L/s)   | 05.92 | 03.86  | 065   | ---    | ---   | ---  |
| FEF 75% (L/s)   | 03.13 | 01.48  | 047   | ---    | ---   | ---  |
| FEV.5/FVC (%)   | ---   | 68.17  | ---   | ---    | ---   | ---  |
| FEV3/FVC (%)    | 96.94 | 100.00 | 103   | ---    | ---   | ---  |
| FET (Sec)       | ---   | 02.81  | ---   | ---    | ---   | ---  |
| ExplTime (Sec)  | ---   | 00.05  | ---   | ---    | ---   | ---  |
| Lung Age (Yrs)  | 030   | 033    | 110   | ---    | ---   | ---  |
| FEV6 (L)        | 03.59 | ---    | ---   | ---    | ---   | ---  |
| FIF 25% (L/s)   | ---   | 05.11  | ---   | ---    | ---   | ---  |
| FIF 50% (L/s)   | ---   | 05.18  | ---   | ---    | ---   | ---  |
| FIF 75% (L/s)   | ---   | 04.35  | ---   | ---    | ---   | ---  |
| SVC (L)         | ---   | 03.24  | ---   | ---    | ---   | ---  |
| ERV (L)         | 01.50 | 00.04  | 003   | ---    | ---   | ---  |
| IRV (L)         | ---   | 01.36  | ---   | ---    | ---   | ---  |
| VE (L/min)      | ---   | 25.81  | ---   | ---    | ---   | ---  |
| RI (l/min)      | ---   | 13.95  | ---   | ---    | ---   | ---  |
| Ti (sec)        | ---   | 01.60  | ---   | ---    | ---   | ---  |
| Te (sec)        | ---   | 02.70  | ---   | ---    | ---   | ---  |
| VT (L)          | ---   | 01.85  | ---   | ---    | ---   | ---  |
| VT/Ti           | ---   | 01.16  | ---   | ---    | ---   | ---  |
| Ti/Ttot         | ---   | 00.37  | ---   | ---    | ---   | ---  |
| IC (L)          | ---   | 03.21  | ---   | ---    | ---   | ---  |
| MVV (L/min)     | 141   | 083    | 059   | ---    | ---   | ---  |
| MRI (l/min)     | ---   | 32.05  | ---   | ---    | ---   | ---  |
| MVT (L)         | ---   | 02.58  | ---   | ---    | ---   | ---  |

Pre Medication Report Indicates  
 Early Small Airway Obstruction as FEF 25-75 %Pred or PEFR %Pred < 70  
 Spirometry within normal limits as (FEV1/FVC)%Pred >95 and FVC%Pred >





**NABL ACCREDITED LABORATORY**

PANEL : GDC782  
SAMPLE NO : 10/2025/744  
PATIENT NAME : BIBHAS GIRI  
SEX / AGE : MALE / 30 Y  
REFERRED BY : Dr. M.O



ID NO. : L0156932  
RECEIPT DATE : 13/10/2025  
REPORT DATE : 13/10/2025

**E.C.G**

| <u>Test Name</u> | <u>Result</u> | <u>Unit</u> | <u>Reference Range</u> |
|------------------|---------------|-------------|------------------------|
|------------------|---------------|-------------|------------------------|

**Electrocardiogram/E.C.G**

**ECG**

WITHIN NORMAL LIMIT

=====  
An electrocardiogram (ECG) is a test which measures the electrical activity of your heart to show whether or not it is working normally.

An ECG records the heart's rhythm and activity on a moving strip of paper or a line on a screen.

An electrocardiogram (EKG or ECG) is a test that checks for problems with the electrical activity of your heart.

An EKG shows the heart's electrical activity as line tracings on paper. The spikes and dips in the tracings are called waves.

The heart is a muscular pump made up of four chambers .

There are various types of irregular heart rhythm with characteristic electrocardiogram (ECG) patterns.

A heart attack (myocardial infarction) and if it was recent or some time ago. A heart attack causes damage to heart muscle and it heals with scar tissue. These can be detected by abnormal ECG patterns.

Confirmed by:

DR. MANAS GHOSH DNB

DR. P.HAZRA MD

DR. B. BANERJEE MD

DR. S. K. DUTTA MD DM ( CARDIO )

DR. S. Bose  
MBBS. DCP  
Consultant Histopathologist & Cytologist

DR. Swarnendu Pal  
M.B.B.S., M.D.  
Consultant Histopathologist & Cytologist

Dr Sonali Banerjee  
M.B.B.S., M.D.  
Consultant BioChemist

LAB TECH  
Checked By



NABL-M(EL)T-02711





*Gooddays Diagnostic Centre*  
Your diagnostic specialist  
EQAS Lab registration number CMC vellore : 10097



Annexure 3  
CMC EXTERNAL QUALITY ASSURANCE SCHEME  
(Under the aegis of ACHI)  
GOODDAYS DIAGNOSTIC CENTRE  
EQAS LAB REGISTRATION NO. 16397



**NABL ACCREDITED LABORATORY**

PANEL : GDC782  
SAMPLE NO : 10/2025/744  
PATIENT NAME : BIBHAS GIRI  
SEX / AGE : MALE / 30 Y  
REFERRED BY : Dr. M.O



ID NO. : L0156932  
RECEIPT DATE : 13/10/2025  
REPORT DATE : 13/10/2025

**Comments : Please Correlate with clinical condition**  
**\*\*\*\*\* End of Report \*\*\*\*\***

DR. S. Bose  
MBBS. DCP  
Consultant Histopathologist & Cytologist

DR. Swarnendu Pal  
M.B.B.S., M.D.  
Consultant Histopathologist & Cytologist

Dr Sonali Banerjee  
M.B.B.S., M.D.  
Consultant BioChemist

LAB TECH  
Checked By



NABL-M(EL)T-02711



A brand represents accuracy and quality. trusted by thousands of satisfied patients.

FARM SIDE ROAD, CHINSURAH, HOOGHLY | CONTACT: 94 32 42 41 42

www.gooddays.in

|                |   |             |                   |
|----------------|---|-------------|-------------------|
| PATIENT'S NAME | : | BIBHAS GIRI | DATE : 13/10/2025 |
| AGE            | : | 30 YEARS    |                   |
| GENDER         | : | MALE        |                   |
| REFD.BY        | : | DR. M.O     |                   |
| PATIENT'S ID   | : | 744         |                   |

**REPORT OF PULMONARY FUNCTION TEST**

**NORMAL STUDY**



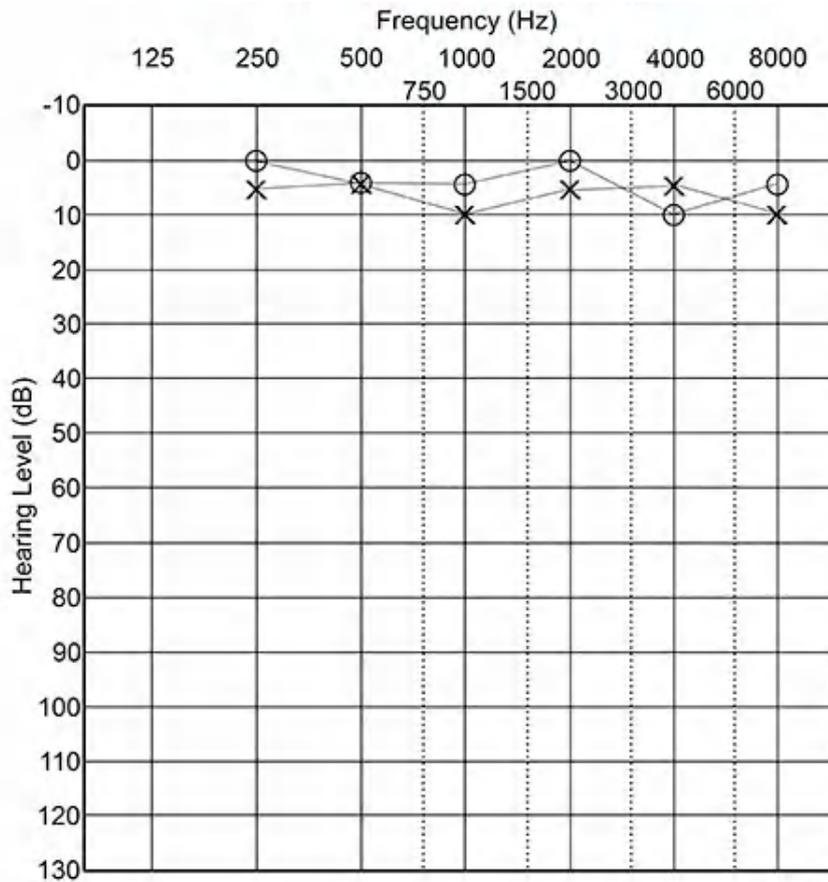
**Dr Sweta nandy  
MBBS, MD (Respiratory Medicine)  
Consultant Pulmonologist**

**NOT FOR MEDICO LEGAL PURPOSES.**

**NAME: BIBHAS GIRI**  
**AGE: 30Y SEX: MALE**

**DATE: 13/10/2025**

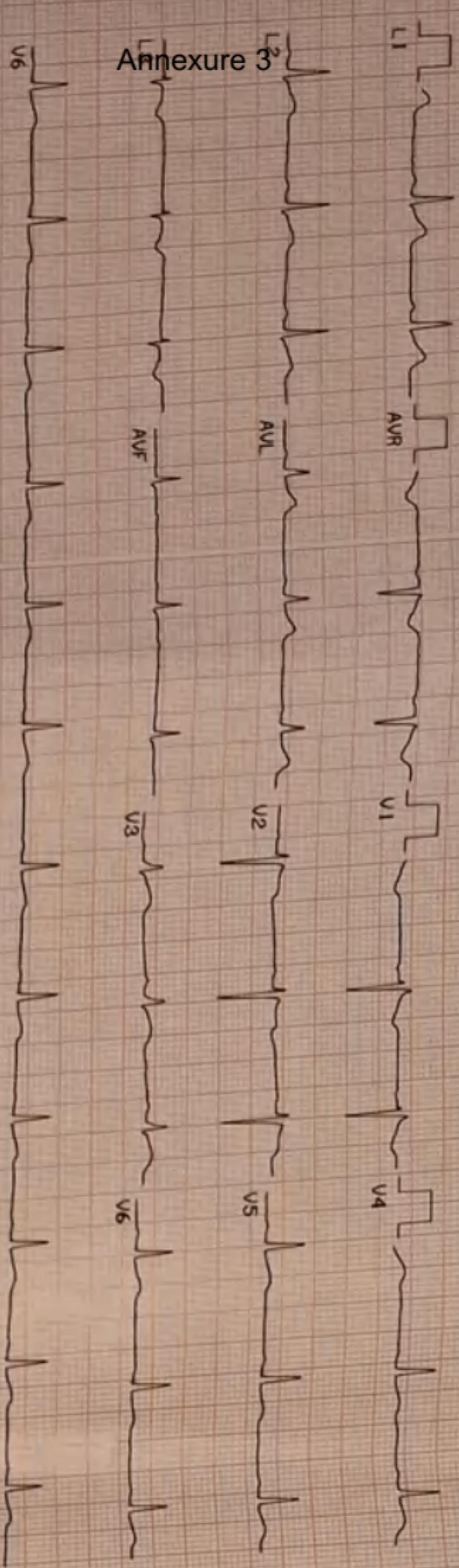
## AUDIOMETRY REPORT



- LEFT EAR : Within normal limit
- RIGHT EAR: Within normal limit

*DR. TITHI DEBNATH*  
**DR. TITHI DEBNATH**  
MBBS(Cal), MS ENT (WBUHS)  
Consultant ENT Surgeon

ID: NAME: Bibhas GIRI M 30Yr 00Kg 25mm/s 5mm/mV 0.2-20Hz 50Hz xRJ xBL HR = 74 bpm



Annexure 3

Name: Bibhas GIRI

M 30Yr 00Kg, Ht: \_\_\_\_\_ cms

BP: \_\_\_\_\_ mmHg

Heart Rate: 74 BPM

Interpretation Report For ADULT  
 Sinus Rhythm  
 Normal ECG

| (ms) | P      | QRS   | PR  | QT  | QTc |
|------|--------|-------|-----|-----|-----|
|      | 85     | 87    | 130 | 325 | 360 |
| (x)  | QT/QTc | QT/RR |     |     |     |
|      | 90     | 40    |     |     |     |

| Axis | P   | QRS | T    |
|------|-----|-----|------|
|      | 24° | 32° | -03° |

REMARK1:

REMARK2:

REMARK3:

GOODDAYS DIAGNOSTIC

03:01 PM 13/10/2025 CMPL TrueBeat100 Ver2.6J

PS: Not for medico legal purposes



**DEPARTMENT OF HEALTH & FAMILY WELFARE  
GOVERNMENT OF WEST BENGAL  
OPD PATIENT CARD**

Name : Mohammad Adnan Day : 13/10/25  
 Sex : Male Age : 33 Yrs. Months Days Reg. No. :  
 Ref. Form : Reg. Date :  
 Card No. :  
 Visit No. : 1 Department : Visit Date : Time : 12:40 pm  
 Doctor / Unit Name (DOW) :  
 Room No. : Entry No. :

Visit Date : Visit No. : 2  
 Tm. Department :  
 Doctor/Unit :  
 Entry No. :

Visit Date : Visit No. : 3  
 Tm. Department :  
 Doctor/Unit :  
 Entry No. :

Visit Date : Visit No. : 4  
 Tm. Department :  
 Doctor/Unit :  
 Entry No. :

| Clinical Notes   | ADVICE                  |
|--|-------------------------|
| <p>Heart - NAD<br/>                     Lungs - NAD<br/>                     Despiratia - NAD<br/>                     S<sub>1</sub> &amp; S<sub>2</sub><br/>                     Audible<br/>                     Pulse - 79/min<br/>                     Vision - 6/6<br/>                     uncorrected vision<br/>                     No Color Blind<br/>                     Ad. Routine<br/>                     1. Blood CBC<br/>                     2. Spymometry<br/>                     3. Audiometry<br/>                     4. ECG 12 leads.</p> | <p align="center">D</p> |

13/10/25

# GOODDAYS DIAGNOSTIC CENTRE

Annexure 3

FARM SIDE ROAD, CHINSURAH, HOOGHLY

PHONE 9432424142

Patient: MORAMMAD ADNAN

Age : 33 Yrs

Gender : Male

Refd. By: M.O

Height : 170 Cms

Smoker : Yes

Pred. Eqns: RECORDERS

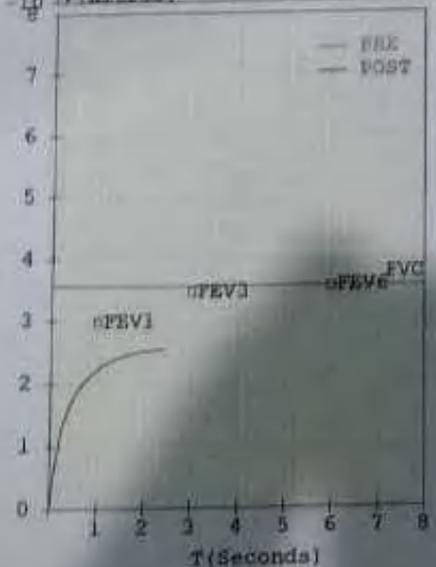
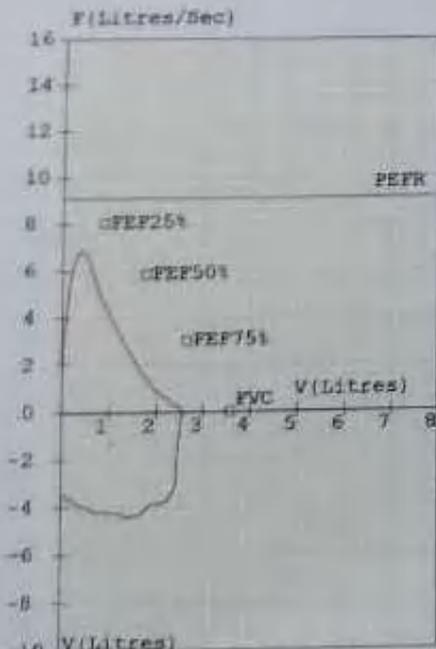
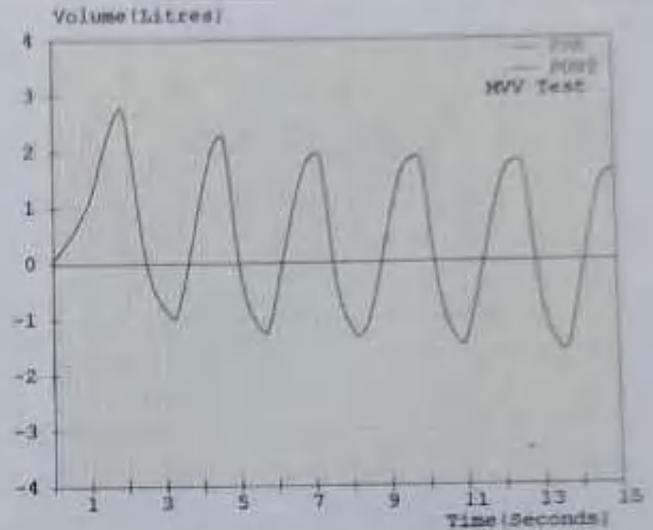
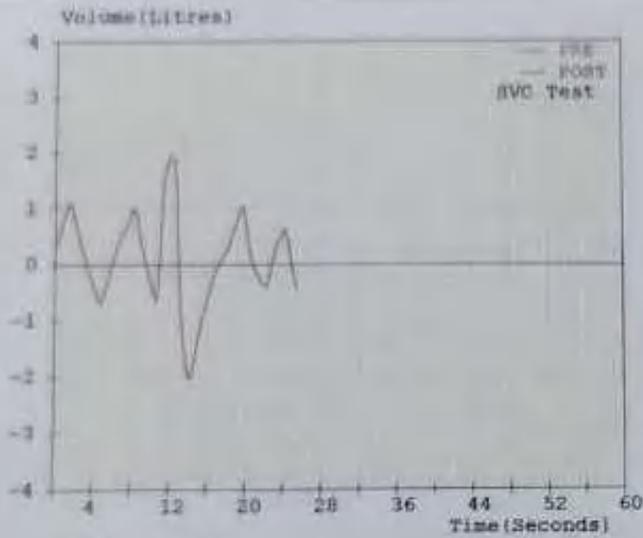
Weight : 72 Kgs

Eth. Corr: 100

Date : 13-Oct-2025 04:06 PM

ID : 32

Temp :



### Spirometry Results

| Parameter       | Pred  | M.Pre  | %Pred | M.Post | %Pred | %Imp |
|-----------------|-------|--------|-------|--------|-------|------|
| FVC (L)         | 03.55 | 02.57  | 072   | ---    | ---   | ---  |
| FEV1 (L)        | 02.98 | 02.23  | 075   | ---    | ---   | ---  |
| FEV1/FVC (%)    | 83.94 | 89.77  | 103   | ---    | ---   | ---  |
| FEF25-75 (L/s)  | 04.26 | 02.49  | 058   | ---    | ---   | ---  |
| PEFR (L/s)      | 09.10 | 06.83  | 075   | ---    | ---   | ---  |
| FIVC (L)        | ---   | 03.39  | ---   | ---    | ---   | ---  |
| FEV.5 (L)       | ---   | 01.80  | ---   | ---    | ---   | ---  |
| FEV3 (L)        | 03.44 | 02.57  | 075   | ---    | ---   | ---  |
| PIFR (L/s)      | ---   | 04.38  | ---   | ---    | ---   | ---  |
| FEF75-85 (L/s)  | ---   | 00.75  | ---   | ---    | ---   | ---  |
| FEF.2-1.2 (L/s) | 07.37 | 05.06  | 069   | ---    | ---   | ---  |
| FEF 25% (L/s)   | 08.02 | 05.93  | 074   | ---    | ---   | ---  |
| FEF 50% (L/s)   | 05.83 | 03.04  | 052   | ---    | ---   | ---  |
| FEF 75% (L/s)   | 03.01 | 01.05  | 035   | ---    | ---   | ---  |
| FEV.5/FVC (%)   | ---   | 70.04  | ---   | ---    | ---   | ---  |
| FEV3/FVC (%)    | 96.90 | 100.00 | 103   | ---    | ---   | ---  |
| FET (Sec)       | ---   | 02.43  | ---   | ---    | ---   | ---  |
| ExptTime (Sec)  | ---   | 00.06  | ---   | ---    | ---   | ---  |
| Lung Age (Yrs)  | 033   | 041    | 124   | ---    | ---   | ---  |
| FEV6 (L)        | 03.55 | ---    | ---   | ---    | ---   | ---  |
| FIF 25% (L/s)   | ---   | 04.16  | ---   | ---    | ---   | ---  |
| FIF 50% (L/s)   | ---   | 03.50  | ---   | ---    | ---   | ---  |
| FIF 75% (L/s)   | ---   | 00.60  | ---   | ---    | ---   | ---  |
| SVC (L)         | ---   | 03.95  | ---   | ---    | ---   | ---  |
| ERV (L)         | 01.46 | 01.39  | 095   | ---    | ---   | ---  |
| IRV (L)         | ---   | 00.90  | ---   | ---    | ---   | ---  |
| VE (L/min)      | ---   | 16.88  | ---   | ---    | ---   | ---  |
| RI (l/min)      | ---   | 10.17  | ---   | ---    | ---   | ---  |
| Ti (sec)        | ---   | 03.50  | ---   | ---    | ---   | ---  |
| Te (sec)        | ---   | 02.40  | ---   | ---    | ---   | ---  |
| VT (L)          | ---   | 01.66  | ---   | ---    | ---   | ---  |
| VT/Ti           | ---   | 00.47  | ---   | ---    | ---   | ---  |
| Ti/Ttot         | ---   | 00.59  | ---   | ---    | ---   | ---  |
| IC (L)          | ---   | 02.56  | ---   | ---    | ---   | ---  |
| MVV (L/min)     | 139   | 076    | 055   | ---    | ---   | ---  |
| MRF (l/min)     | ---   | 22.04  | ---   | ---    | ---   | ---  |
| MVT (L)         | ---   | 03.44  | ---   | ---    | ---   | ---  |

**Pre Medication Report Indicates**  
 Early Small Airway Obstruction as FEF 25-75 %Pred or PEFR %Pred < 70  
 Mild Restriction as (FEV1/FVC)%Pred >95 and FVC%Pred <80





**NABL ACCREDITED LABORATORY**

PANEL : GDC782  
SAMPLE NO : 10/2025/743  
PATIENT NAME : MAHAMMAD ADNAN  
SEX / AGE : MALE / 33 Y  
REFERRED BY : Dr. M.O



ID NO. : L0156931  
RECEIPT DATE : 13/10/2025  
REPORT DATE : 13/10/2025

**E.C.G**

| <u>Test Name</u> | <u>Result</u> | <u>Unit</u> | <u>Reference Range</u> |
|------------------|---------------|-------------|------------------------|
|------------------|---------------|-------------|------------------------|

**Electrocardiogram/E.C.G**  
**ECG**

WITHIN NORMAL LIMIT

=====

=====

An electrocardiogram (ECG) is a test which measures the electrical activity of your heart to show whether or not it is working normally.

An ECG records the heart's rhythm and activity on a moving strip of paper or a line on a screen.

An electrocardiogram (EKG or ECG) is a test that checks for problems with the electrical activity of your heart.

An EKG shows the heart's electrical activity as line tracings on paper. The spikes and dips in the tracings are called waves.

The heart is a muscular pump made up of four chambers .

There are various types of irregular heart rhythm with characteristic electrocardiogram (ECG) patterns.

A heart attack (myocardial infarction) and if it was recent or some time ago. A heart attack causes damage to heart muscle and it heals with scar tissue. These can be detected by abnormal ECG patterns.

-----

-----

Confirmed by:

DR. MANAS GHOSH DNB

DR. P.HAZRA MD

DR. B. BANERJEE MD

DR. S. K. DUTTA MD DM ( CARDIO )

DR. S. Bose  
MBBS. DCP  
Consultant Histopathologist & Cytologist

DR. Swarnendu Pal  
M.B.B.S., M.D.  
Consultant Histopathologist & Cytologist

Dr Sonali Banerjee  
M.B.B.S., M.D.  
Consultant BioChemist

LAB TECH  
Checked By



NABL-M(EL)T-02711





*Gooddays Diagnostic Centre*  
Your diagnostic specialist  
EQAS Lab registration number CMC vellore : 10097



Annexure 3  
CMC EXTERNAL QUALITY ASSURANCE SCHEME  
(Under the aegis of ACHI)  
GOODDAYS DIAGNOSTIC CENTRE  
EQAS LAB REGISTRATION NO. 16397



**NABL ACCREDITED LABORATORY**

PANEL : GDC782  
SAMPLE NO : 10/2025/743  
PATIENT NAME : MAHAMMAD ADNAN  
SEX / AGE : MALE / 33 Y  
REFERRED BY : Dr. M.O



ID NO. : L0156931  
RECEIPT DATE : 13/10/2025  
REPORT DATE : 13/10/2025

**Comments : Please Correlate with clinical condition**  
**\*\*\*\*\* End of Report \*\*\*\*\***

DR. S. Bose  
MBBS. DCP  
Consultant Histopathologist & Cytologist

DR. Swarnendu Pal  
M.B.B.S., M.D.  
Consultant Histopathologist & Cytologist

Dr Sonali Banerjee  
M.B.B.S., M.D.  
Consultant BioChemist

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|                |   |                |                   |
|----------------|---|----------------|-------------------|
| PATIENT'S NAME | : | MAHAMMAD ADNAN | DATE : 13/10/2025 |
| AGE            | : | 33 YEARS       |                   |
| GENDER         | : | MALE           |                   |
| REFD.BY        | : | DR. M.O        |                   |
| PATIENT'S ID   | : | 743            |                   |

**REPORT OF PULMONARY FUNCTION TEST**

**NORMAL STUDY**



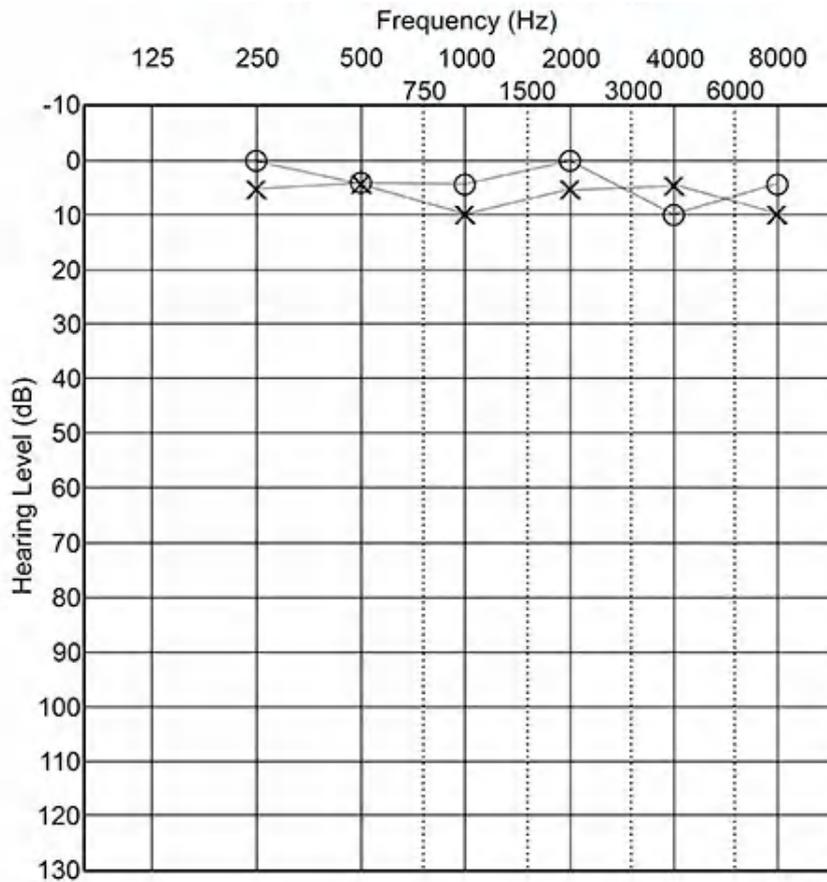
**Dr Sweta nandy**  
**MBBS, MD (Respiratory Medicine)**  
**Consultant Pulmonologist**

**NOT FOR MEDICO LEGAL PURPOSES.**

**NAME: MAHAMMAD ADNAN**  
**AGE: 33Y SEX: MALE**

**DATE: 13/10/2025**

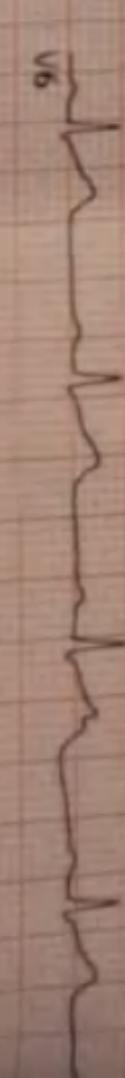
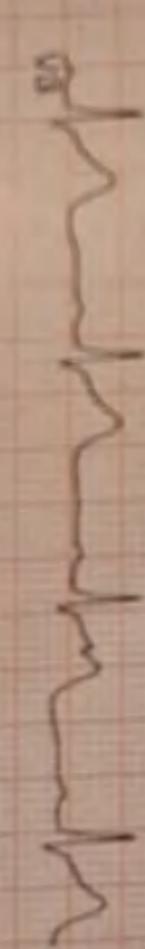
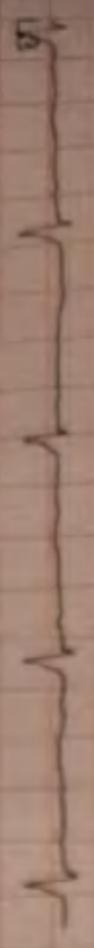
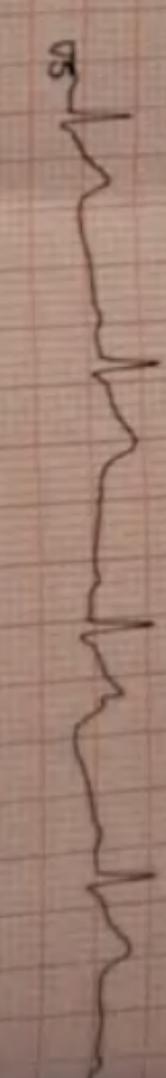
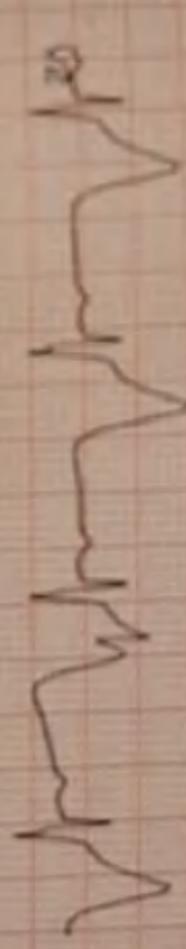
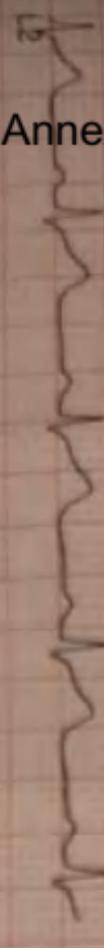
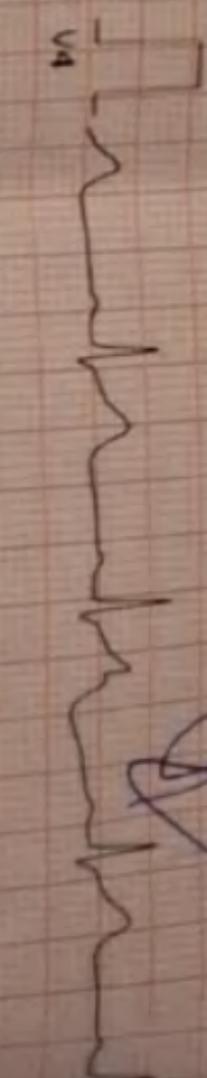
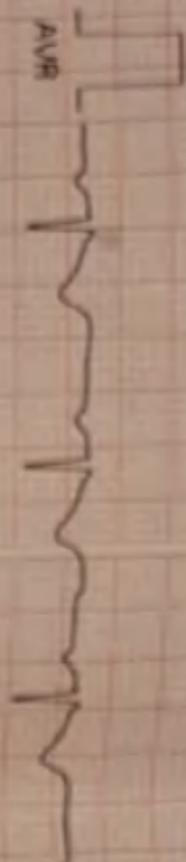
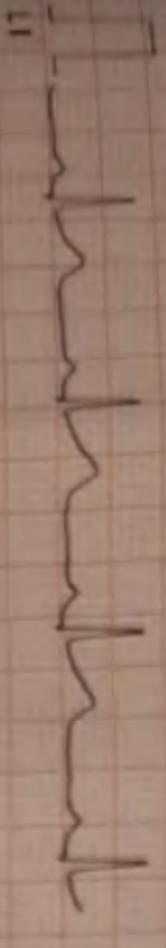
## AUDIOMETRY REPORT



- LEFT EAR : Within normal limit
- RIGHT EAR: Within normal limit

*DR. TITHI DEBNATH*  
**DR. TITHI DEBNATH**  
MBBS(Cal), MS ENT (WBUHS)  
Consultant ENT Surgeon

### Annexure 3





DEPARTMENT OF HEALTH & FAMILY WELFARE  
GOVERNMENT OF WEST BENGAL  
OPD PATIENT CARD

Name : Rishiq

Sex : Male

Ref. Form :

Age : 23 Yrs.

Months

Days

Day : 13/10/25

Reg. No. :

Reg. Date :

Card No. :

Visit No. : 1 Department :

Doctor / Unit Name (DOW) :

Room No. :

Visit Date :

Time : 12:45 pm

Entry No. :

Visit Date :

Visit No. : 2  
Tm.

Department :

Doctor/Unit :

Entry No. :

Visit Date :

Visit No. : 3  
Tm.

Department :

Doctor/Unit :

Entry No. :

Visit Date :

Visit No. : 4  
Tm.

Department :

Doctor/Unit :

Entry No. :

Clinical Notes

Chest - NAD  
Respiratory - NAD  
S<sub>1</sub> & S<sub>2</sub>  
Auscultate  
Vision - 6/6  
Normal Vision  
Not Color Blind  
Adv : Routine

ADVICE

*[Signature]*

1. ECG 12 leads.
2. Audiometry.
3. Spymetry.
4. Bl. for CBC.

*[Signature]*  
13/10/25

# GOODDAYS DIAGNOSTIC CENTRE

Annexure 3

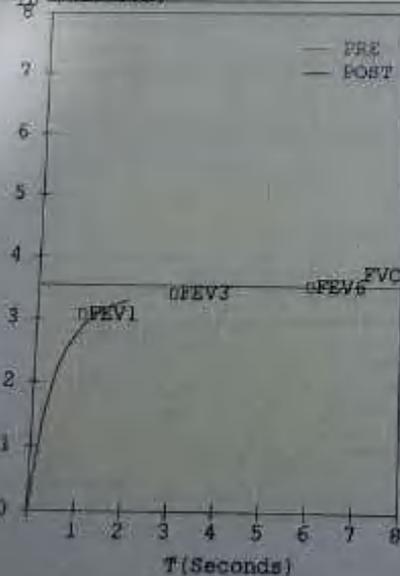
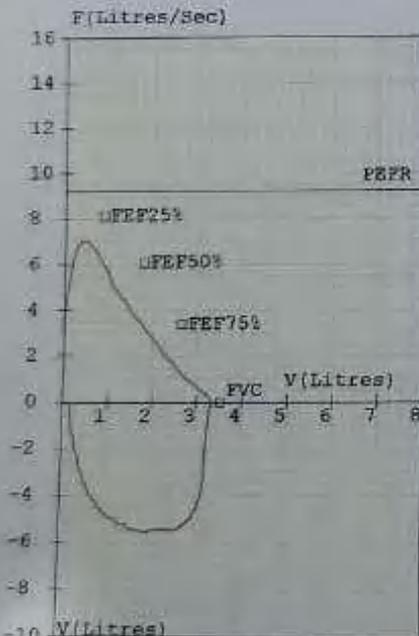
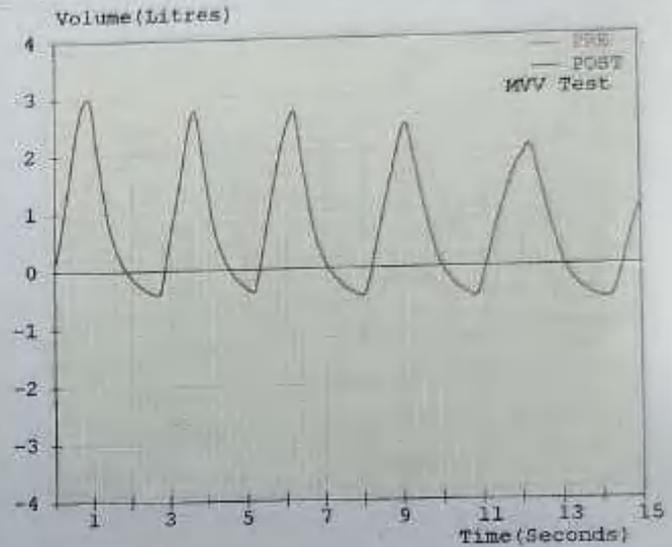
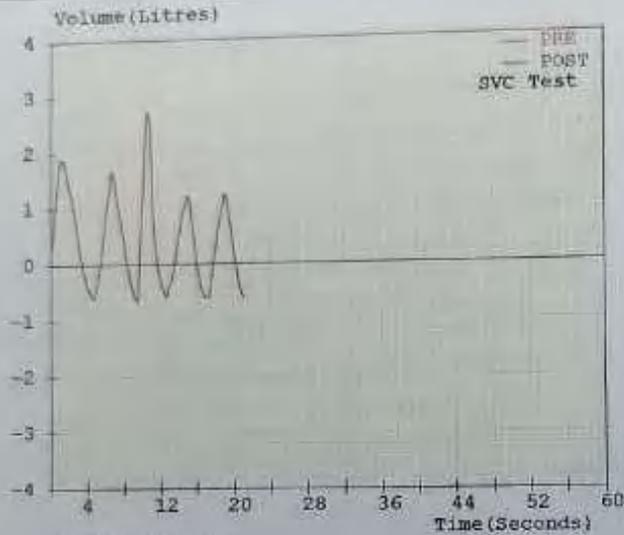
FARM SIDE ROAD, CHINSURAH, HOOGHLY

PHONE 9432424142

Patient: RISHIT  
 Refd. By: M.O  
 Pred. Eqns: RECORDERS  
 Date : 13-Oct-2025 04:12 PM

Age : 23 Yrs  
 Height : 167 Cms  
 Weight : 69 Kgs  
 ID : 33

Gender : Male  
 Smoker : No  
 Eth. Corr: 100  
 Temp :



| Spirometry Results |         |       |        |       |        |       |
|--------------------|---------|-------|--------|-------|--------|-------|
| Parameter          |         | Pred  | M.Pre  | %Pred | M.Post | %Pred |
| FVC                | (L)     | 03.54 | 03.32  | 094   | ---    | ---   |
| FEV1               | (L)     | 03.07 | 02.89  | 094   | ---    | ---   |
| FEV1/FVC           | (%)     | 86.72 | 87.05  | 100   | ---    | ---   |
| FEF25-75           | (L/s)   | 04.65 | 03.16  | 068   | ---    | ---   |
| PEFR               | (L/s)   | 09.23 | 07.03  | 076   | ---    | ---   |
| FIVC               | (L)     | ---   | 03.19  | ---   | ---    | ---   |
| FEV.5              | (L)     | ---   | 02.22  | ---   | ---    | ---   |
| FEV3               | (L)     | 03.43 | 03.32  | 097   | ---    | ---   |
| DIFR               | (L/s)   | ---   | 05.51  | ---   | ---    | ---   |
| PEF75-95           | (L/s)   | ---   | 01.17  | ---   | ---    | ---   |
| PEF.2-1.2          | (L/s)   | 07.89 | 06.07  | 077   | ---    | ---   |
| PEF 25%            | (L/s)   | 08.12 | 06.12  | 075   | ---    | ---   |
| PEF 50%            | (L/s)   | 06.05 | 03.56  | 059   | ---    | ---   |
| PEF 75%            | (L/s)   | 03.38 | 01.59  | 047   | ---    | ---   |
| PEV.5/FVC          | (%)     | ---   | 56.87  | ---   | ---    | ---   |
| PEV3/FVC           | (%)     | 96.89 | 100.00 | 103   | ---    | ---   |
| FET                | (Sec)   | ---   | 02.05  | ---   | ---    | ---   |
| ExptTime           | (Sec)   | ---   | 00.06  | ---   | ---    | ---   |
| Lung Age           | (Yrs)   | 023   | 024    | 104   | ---    | ---   |
| FEV6               | (L)     | 03.54 | ---    | ---   | ---    | ---   |
| FIF 25%            | (L/s)   | ---   | 05.31  | ---   | ---    | ---   |
| FIF 50%            | (L/s)   | ---   | 05.51  | ---   | ---    | ---   |
| FIF 75%            | (L/s)   | ---   | 04.84  | ---   | ---    | ---   |
| SVC                | (L)     | ---   | 03.37  | ---   | ---    | ---   |
| ERV                | (L)     | 01.56 | 00.07  | 004   | ---    | ---   |
| IRV                | (L)     | ---   | 01.06  | ---   | ---    | ---   |
| VE                 | (L/min) | ---   | 28.29  | ---   | ---    | ---   |
| RI                 | (l/min) | ---   | 12.24  | ---   | ---    | ---   |
| Ti                 | (sec)   | ---   | 02.00  | ---   | ---    | ---   |
| Te                 | (sec)   | ---   | 02.90  | ---   | ---    | ---   |
| VT                 | (L)     | ---   | 02.31  | ---   | ---    | ---   |
| VT/Ti              |         | ---   | 01.16  | ---   | ---    | ---   |
| Ti/Ttot            |         | ---   | 00.41  | ---   | ---    | ---   |
| IC                 | (L)     | ---   | 03.37  | ---   | ---    | ---   |
| MVV                | (L/min) | 143   | 065    | 045   | ---    | ---   |
| MRF                | (l/min) | ---   | 23.04  | ---   | ---    | ---   |
| MVT                | (L)     | ---   | 02.96  | ---   | ---    | ---   |

Pre Medication Report Indicates  
 Early Small Airway Obstruction as FEF 25-75 %Pred or PEFR %Pred < 70  
 Spirometry within normal limits as (FEV1/FVC)%Pred >95 and FVC%Pred >8





**NABL ACCREDITED LABORATORY**

PANEL : GDC782  
SAMPLE NO : 10/2025/742  
PATIENT NAME : RISHIT  
SEX / AGE : MALE / 23 Y  
REFERRED BY : Dr. M.O



ID NO. : L0156930  
RECEIPT DATE : 13/10/2025  
REPORT DATE : 13/10/2025

**E.C.G**

| <u>Test Name</u> | <u>Result</u> | <u>Unit</u> | <u>Reference Range</u> |
|------------------|---------------|-------------|------------------------|
|------------------|---------------|-------------|------------------------|

**Electrocardiogram/E.C.G**  
**ECG**

WITHIN NORMAL LIMIT

=====

=====

An electrocardiogram (ECG) is a test which measures the electrical activity of your heart to show whether or not it is working normally.

An ECG records the heart's rhythm and activity on a moving strip of paper or a line on a screen.

An electrocardiogram (EKG or ECG) is a test that checks for problems with the electrical activity of your heart.

An EKG shows the heart's electrical activity as line tracings on paper. The spikes and dips in the tracings are called waves.

The heart is a muscular pump made up of four chambers .

There are various types of irregular heart rhythm with characteristic electrocardiogram (ECG) patterns.

A heart attack (myocardial infarction) and if it was recent or some time ago. A heart attack causes damage to heart muscle and it heals with scar tissue. These can be detected by abnormal ECG patterns.

-----

-----

Confirmed by:

DR. MANAS GHOSH DNB

DR. P.HAZRA MD

DR. B. BANERJEE MD

DR. S. K. DUTTA MD DM ( CARDIO )

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Dr Sonali Banerjee  
M.B.B.S., M.D.  
Consultant BioChemist

LAB TECH  
Checked By



NABL-M(EL)T-02711





*Gooddays Diagnostic Centre*  
Your diagnostic specialist  
EQAS Lab registration number CMC vellore : 10097



Annexure 3  
CMC EXTERNAL QUALITY ASSURANCE SCHEME  
(Under the aegis of ACHI)  
GOODDAYS DIAGNOSTIC CENTRE  
EQAS LAB REGISTRATION NO. 16397



**NABL ACCREDITED LABORATORY**

PANEL : GDC782  
SAMPLE NO : 10/2025/742  
PATIENT NAME : RISHIT  
SEX / AGE : MALE / 23 Y  
REFERRED BY : Dr. M.O



ID NO. : L0156930  
RECEIPT DATE : 13/10/2025  
REPORT DATE : 13/10/2025

**Comments : Please Correlate with clinical condition**  
**\*\*\*\*\* End of Report \*\*\*\*\***

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MBBS. DCP  
Consultant Histopathologist & Cytologist

DR. Swarnendu Pal  
M.B.B.S., M.D.  
Consultant Histopathologist & Cytologist

Dr Sonali Banerjee  
M.B.B.S., M.D.  
Consultant BioChemist

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|                |   |          |                   |
|----------------|---|----------|-------------------|
| PATIENT'S NAME | : | RISHIT   | DATE : 13/10/2025 |
| AGE            | : | 23 YEARS |                   |
| GENDER         | : | MALE     |                   |
| REFD.BY        | : | DR. M.O  |                   |
| PATIENT'S ID   | : | 742      |                   |

**REPORT OF PULMONARY FUNCTION TEST**

**NORMAL STUDY**



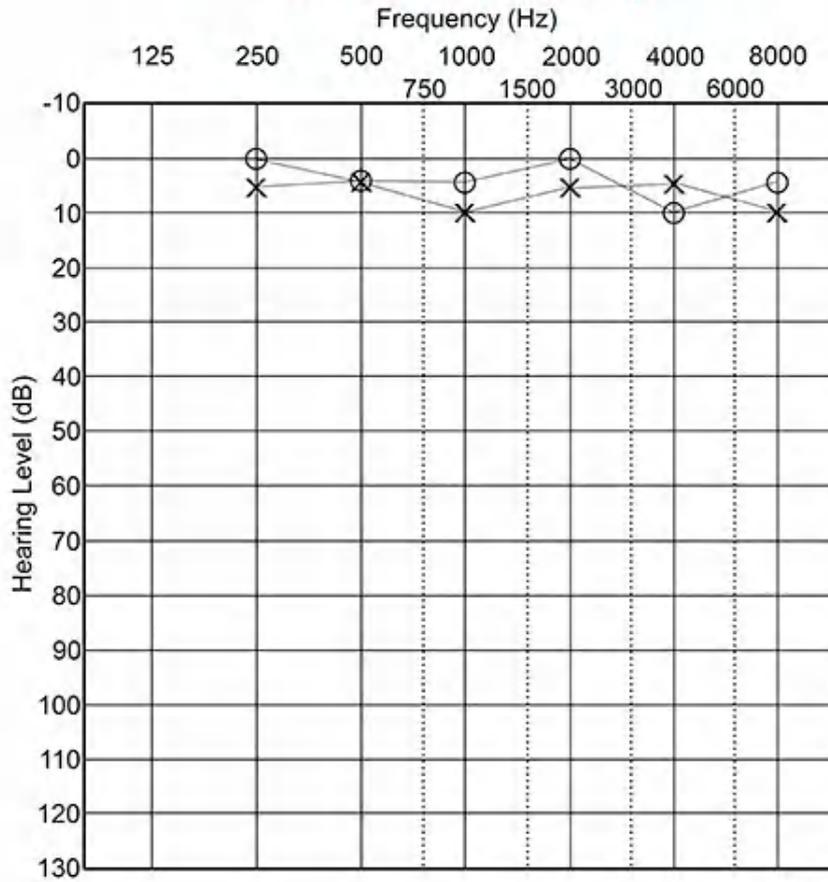
**Dr Sweta nandy**  
**MBBS, MD (Respiratory Medicine)**  
**Consultant Pulmonologist**

**NOT FOR MEDICO LEGAL PURPOSES.**

**NAME: RISHIT**  
**AGE: 23Y SEX: MALE**

**DATE: 13/10/2025**

## AUDIOMETRY REPORT



- LEFT EAR : Within normal limit
- RIGHT EAR: Within normal limit

*DR. TITHI DEBNATH*  
**DR. TITHI DEBNATH**  
MBBS(Cal), MS ENT (WBUHS)  
Consultant ENT Surgeon

ID: NAME: Rishit

M 23yr 00kg 25mr

ID: NAME: Rishit

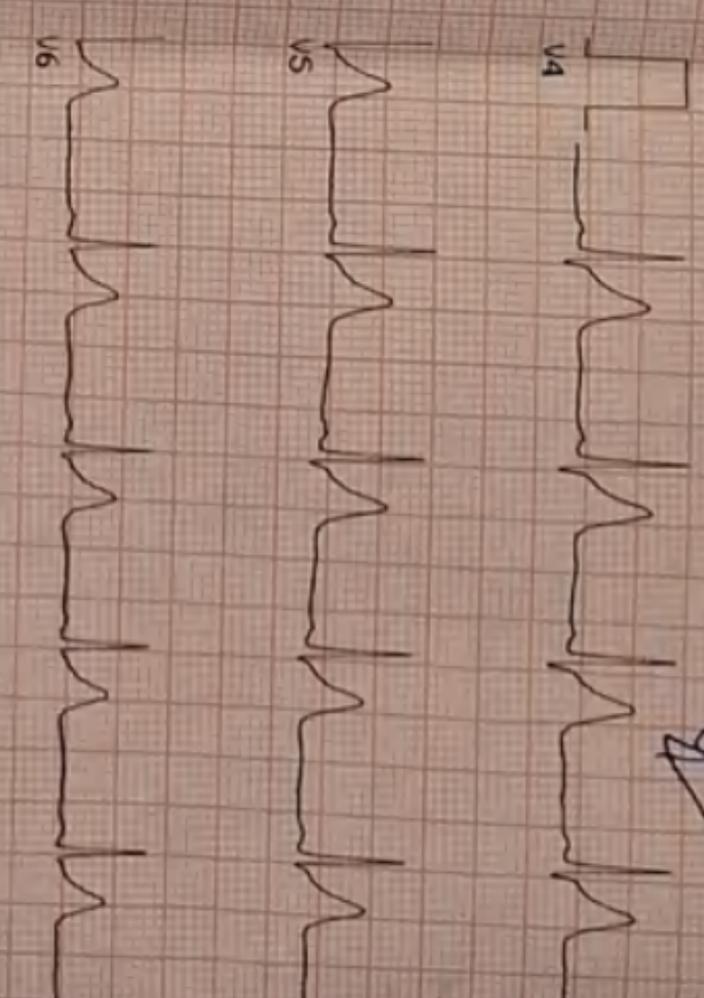
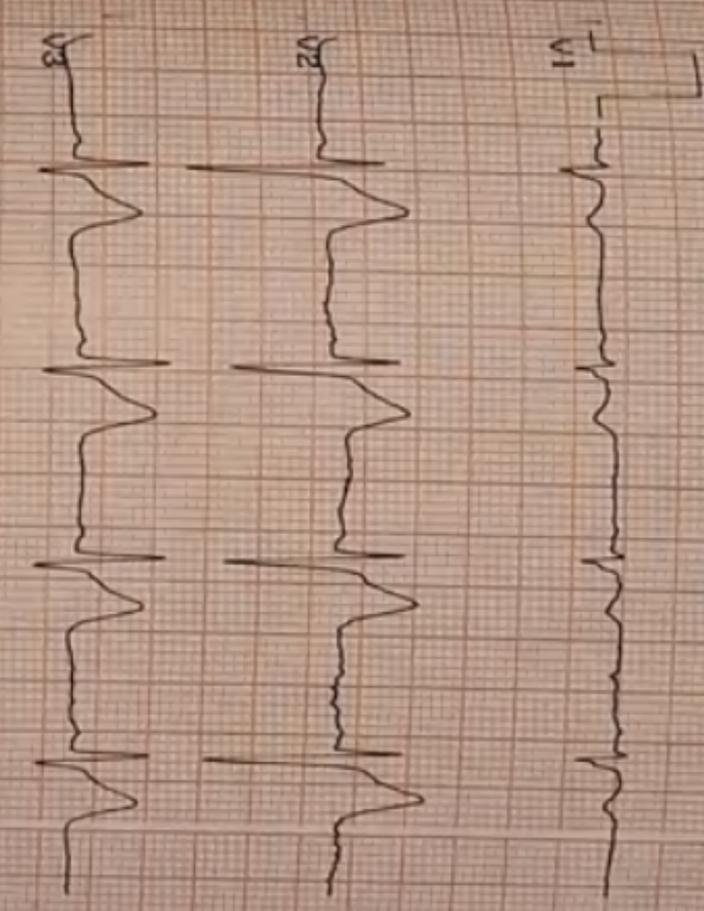
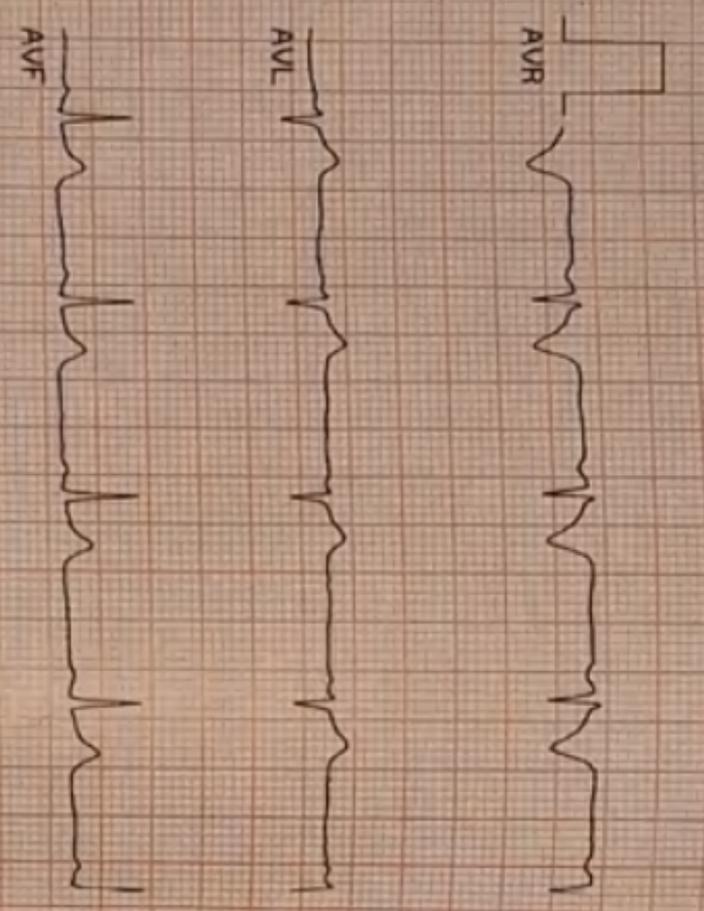
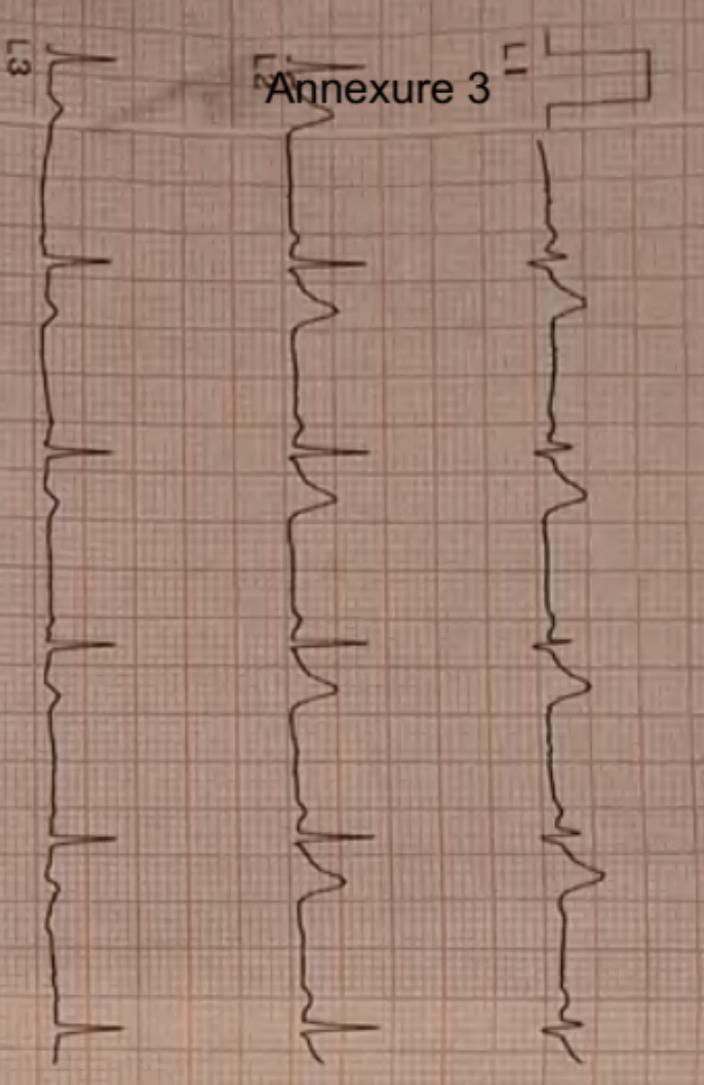
M 23yr 00kg

ID:

ID: NAME: Rishit

M 23yr 00kg

Annexure 3



GOODDAYS DIAGNOSTIC

CARDIOPRINT

GOODDAYS DIAGNOSTIC

CARDIOPRINT

GOODDAYS DIAGNOSTIC

CARDIOPRINT

GOODDAYS DIAGNOSTIC

CARDIOPRINT

*[Handwritten signature]*

# **Annexure-16**

## Parking space of Trucks for loading and unloading of materials:



# **Annexure-17**

# Alpine

To  
The DFO  
Office of the Principal Chief Conservator of Forests, Head of Forest Force  
Aranya Bhawan, LA-10A Block, Sector-III,  
Saltlake, Kol-700 106

Dated-22<sup>nd</sup> August 2025

Sub: Appeal for Survey of the greenbelt development in the Project Site for M/s. Alpine Distilleries Pvt Ltd at Village and PO-Mahanad, P.S.- Polba, Dist- Hooghly, Pin-712149

Sir,

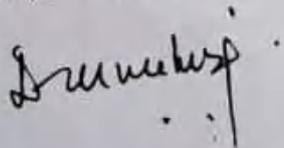
This has reference to our EC No. J-1 1011/227/2012-IA II (1) dated 23.02.2015 and EC No. J-1 1011/227/2012-IA-II(1) dated 19.04.2023

In this regard, we would appeal and request you to arrange a survey for the greenbelt development in our plant premises. We are attaching the Plantation plan herewith.

We hope that you will do the needful.

Thanking You,

Yours truly,  
For M/s. Alpine Distilleries Pvt Ltd.

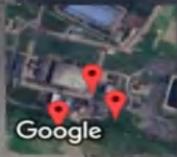
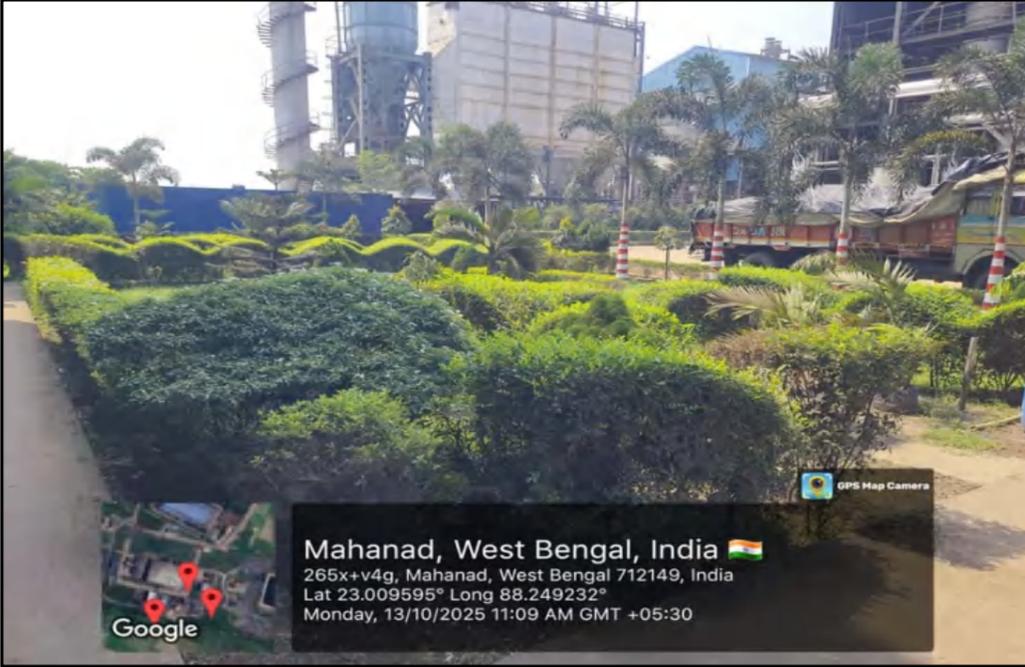


Debraj Mukherjee  
Managaing Director

Alpine Distilleries Pvt. Ltd.

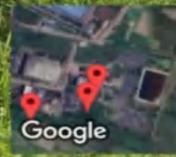
Registered Office & Manufactory  
Mouza Nagarpara & Meghsar  
Village & Post Mahanad  
P.S.- Polba, District Hooghly  
Pin 712 149, West Bengal, India  
Telephone (03213) 263052 / 263053  
E-mail info@alpinedistilleries.co.in





Mahanad, West Bengal, India 🇮🇳  
 265x+v4g, Mahanad, West Bengal 712149, India  
 Lat 23.009595° Long 88.249232°  
 Monday, 13/10/2025 11:09 AM GMT +05:30

GPS Map Camera

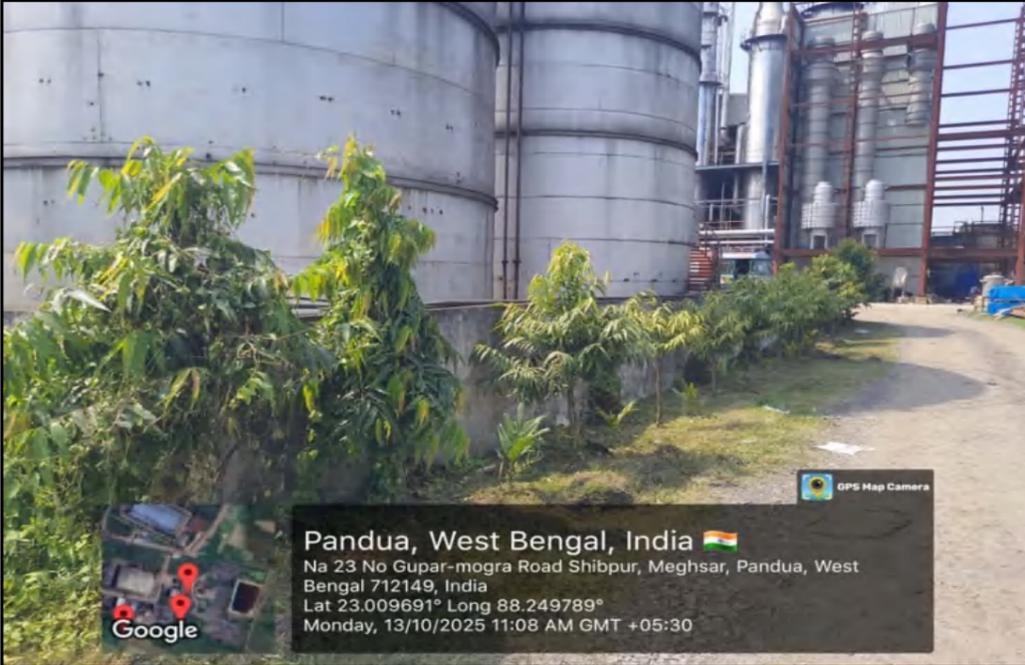


Mahanad, West Bengal, India 🇮🇳  
 265x+v4g, Mahanad, West Bengal 712149, India  
 Lat 23.009447° Long 88.249823°  
 Monday, 13/10/2025 11:08 AM GMT +05:30

GPS Map Camera

GREEN BELT AREA

GREEN BELT AREA



Pandua, West Bengal, India 🇮🇳  
 Na 23 No Gupar-mogra Road Shibpur, Meghsar, Pandua, West Bengal 712149, India  
 Lat 23.009691° Long 88.249789°  
 Monday, 13/10/2025 11:08 AM GMT +05:30

GPS Map Camera



Mahanad, West Bengal, India 🇮🇳  
 265x+v4g, Mahanad, West Bengal 712149, India  
 Lat 23.009122° Long 88.25042°  
 Monday, 13/10/2025 11:06 AM GMT +05:30

GPS Map Camera

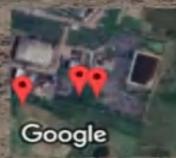
GREEN BELT AREA

GREEN BELT AREA



Mahanad, West Bengal, India 🇮🇳  
 265x+v4g, Mahanad, West Bengal 712149, India  
 Lat 23.009113° Long 88.250392°  
 Monday, 13/10/2025 11:06 AM GMT +05:30

GPS Map Camera



Mahanad, West Bengal, India 🇮🇳  
 265x+v4g, Mahanad, West Bengal 712149, India  
 Lat 23.009056° Long 88.249971°  
 Monday, 13/10/2025 11:05 AM GMT +05:30

GPS Map Camera

GREEN BELT AREA

GREEN BELT AREA



**GREEN BELT AREA**

**GREEN BELT AREA**



**GREEN BELT AREA**

**GREEN BELT AREA**



Mahanad, West Bengal, India  
265x+v4g, Mahanad, West Bengal 712149, India  
Lat 23.009169° Long 88.247755°  
Monday, 13/10/2025 10:59 AM GMT +05:30

GREEN BELT AREA



Mahanad, West Bengal, India  
265x+v4g, Mahanad, West Bengal 712149, India  
Lat 23.009387° Long 88.248291°  
Monday, 13/10/2025 10:58 AM GMT +05:30

GREEN BELT AREA



Mahanad, West Bengal, India  
265x+v4g, Mahanad, West Bengal 712149, India  
Lat 23.009324° Long 88.248378°  
Monday, 13/10/2025 10:57 AM GMT +05:30

GREEN BELT AREA



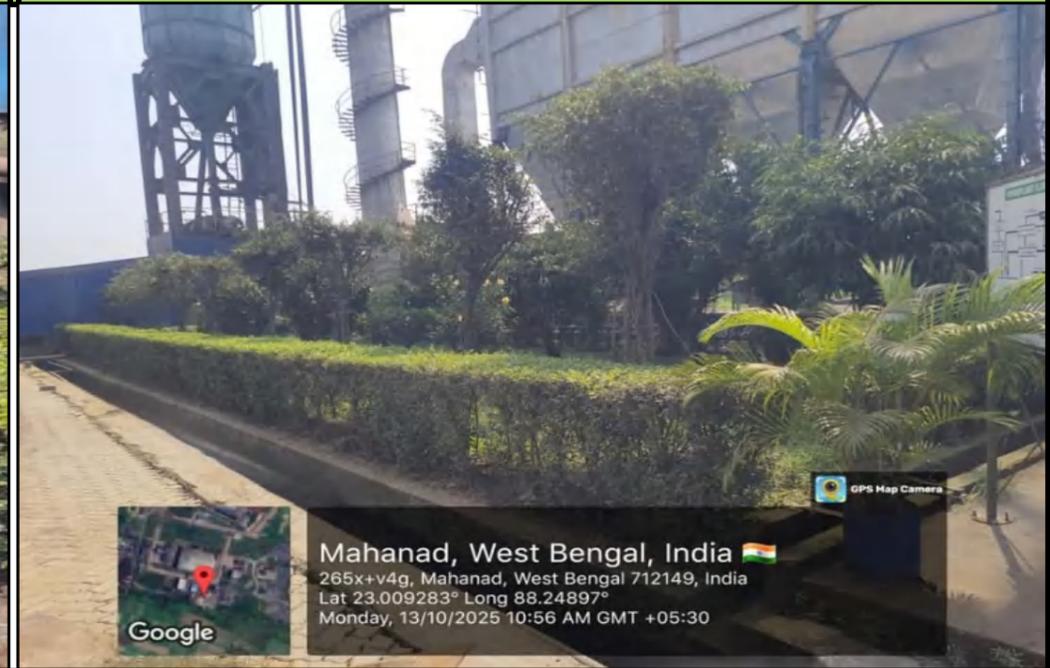
Mahanad, West Bengal, India  
265x+v4g, Mahanad, West Bengal 712149, India  
Lat 23.009313° Long 88.248627°  
Monday, 13/10/2025 10:57 AM GMT +05:30

GREEN BELT AREA



Mahanad, West Bengal, India  
265x+v4g, Mahanad, West Bengal 712149, India  
Lat 23.009363° Long 88.248732°  
Monday, 13/10/2025 10:56 AM GMT +05:30

GREEN BELT AREA



Mahanad, West Bengal, India  
265x+v4g, Mahanad, West Bengal 712149, India  
Lat 23.009283° Long 88.24897°  
Monday, 13/10/2025 10:56 AM GMT +05:30

GREEN BELT AREA



GREEN BELT AREA

GREEN BELT AREA



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GREEN BELT AREA

GREEN BELT AREA

# **Annexure-18**

**COMPLIANCE STATUS OF THE COMMITMENTS MADE DURING THE PUBLIC  
HEARING ON 11<sup>TH</sup> SEPTEMBER 2013.  
AGAINST MEMO NO.533(I)-2N-101/2012(E), DATED 09.10.2013**

| <b>PH ISSUES AND COMMENTS RAISED</b>  | <b>COMPLIANCE</b>   |
|---|---|
| 1. Properly designed ESP with adequate stack will be provided as air pollution control device for the proposed rice husk/coal fired boiler of Captive Power Plant.  | ESP with adequate stack is provided as air pollution control device for the proposed rice husk/coal fired boiler of Captive Power Plant. Pictorial Evidence is given in <b>Annexure 1</b> below.  |
| 2. Coal Ash generated from the power plant will be used for brick manufacturing and landfilling.  | Coal Ash generated from the power plant is used for landfilling. Pictorial Evidence is given in <b>Annexure 2</b> below.  |
| 3. Effluent generated from the process will be treated in effluent treatment plant and treated wastewater will be reused. No treated wastewater will be discharged outside the plant premises and the proponent will maintain 'Zero Discharge'.   | Effluent generated from the process is treated in effluent treatment plant and treated wastewater is reused in gardening, toilet flushing and process. No treated wastewater is discharged outside the plant premises, and the proponent is maintaining 'Zero Discharge'. |
| 4. The proponent proposed to develop Rainwater harvesting structure to utilize rainwater  | The proponent has developed Rainwater harvesting pond. Pictorial Evidence is given in <b>Annexure 3</b> below.  |
| 5. Baseline study of the ambient air quality reveals that ambient air quality is within prescribed limit.   | Baseline study of the ambient air quality reveals that ambient air quality is within prescribed limit. Documented Evidence is given in <b>Annexure 4</b> below.   |
| 6. Proponent is planning for initiating Community Development programmes like renovation of local school buildings, scholarships for higher education, ambulance service to the surrounding population, health checkup camp in the surrounding population, health checkup camp in the surrounding villages. | Proponent is initiating Community Development programmes. Documented and Pictorial Evidence is given in <b>Annexure 5</b> below.  |
| 7. Generate employment for local people.  | Employment is generated from local people.  |
| 8. Employment to local women  | They encourage Women Empowerment. Pictorial Evidence is attached as <b>Annexure 6</b> .   |

9. DDGS (Dried Distillers Grains with Soluble) which is a coproduct of the distillery and used as cattle feed, may also be used as fish feed for the fishery project.

DDGS (Dried Distillers Grains with Soluble) is used as cattle feed, fishery project and poultry feed.  
Sell receipt is attached as **Annexure 7**.

**ANNEXURE 1:**

**AIR POLLUTION CONTROL DEVICE-ESP ATTACHED TO RICE HUSK/COAL  
FIRED BOILER OF CAPTIVE POWER PLANT**



**ANNEXURE 2:  
COAL ASH USED FOR LANDFILLING**



**ANNEXURE 3:**  
**RAINWATER HARVESTING POND IN THE PLANT PREMISE:**



## ANNEXURE 4:

### AMBIENT AIR QUALITY MONITORING REPORTS



# ENVIROCHECK

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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                               | : 25.03.2025 – 26.03.2025 |                |                                |
|                           |                                 | Period of Analysis                          | : 26.03.2025 – 27.03.2025 |                |                                |
|                           |                                 | Date of Issue                               | : 29.03.2025              |                |                                |
| Sampling Plan & Procedure | : ENV/SOP/01                    | Deviation from the Sampling Method and Plan | : No                      | Type of Sample | : Ambient Air                  |
| Sample Condition          | : Sealed                        | Sample ID No.                               | : ENV/44/March/A/III      | Report No.     | : ENV/44/March/TR(A)/III/24-25 |

#### A] GENERAL INFORMATION

1. Location of Sampling : Near Accounts Office
2. Duration of Sampling : 24 hrs. (11:00 a.m. – 11:00 a.m.)

#### B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 33.0
2. Average Relative Humidity (%) : 60.0
3. Barometric Pressure (mm of Hg) : 754.0
4. Smell or Odour : No Remarkable Smell
5. Weather Condition : Clear

#### C] RESULTS

| SL. NO. | PARAMETERS                         | UNIT              | METHOD NO.   | RESULTS | LIMIT |
|---------|------------------------------------|-------------------|--|---------|-------|
| 1.      | Concentration of PM <sub>2.5</sub> | µg/m <sup>3</sup> | IS 5182 (Part 24) : 2019   | 36.31   | 60.0  |
| 2.      | Concentration of PM <sub>10</sub>  | µg/m <sup>3</sup> | IS 5182 (PART 23) : 2019   | 67.51   | 100.0 |
| 3.      | Concentration of SO <sub>2</sub>   | µg/m <sup>3</sup> | IS 5182 (Part 2) 2017 & ASTM D 2914-01, Sec. 11 (Vol. 11.07) : 2017  | 6.51    | 80.0  |
| 4.      | Concentration of NO <sub>2</sub>   | µg/m <sup>3</sup> | IS 5182 (Part 6) 2017 & ASTM D 1607-91 : Sec. 11 (Vol. 11.07) : 2018 | 19.97   | 80.0  |
| 5.      | Concentration of CO                | mg/m <sup>3</sup> | IS 5182 (Part 10) : 2019   | 0.16    | 2.0   |

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

Reviewed By :

INDRANI BHATTACHARYA  
Dy. Technical Manager, Chemical

Authorised Signatory :

Dr. SUMIT CHOWDHURY  
Technical Manager

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Branch Office : Siliguri ■ Haldia ■ Durgapur ■ Dhanbad ■ Port Blair ■ Noida



# ENVIROCHECK

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



## TEST REPORT

FORMAT NO : ENV/FM/37

|                           |                                 |   |                           |                |                                |
|---------------------------|---------------------------------|---|---------------------------|----------------|--------------------------------|
| Name of the Industry      | : Alpine Distilleries Pvt. Ltd. | Type of Industry                            | : Distillery              |                |                                |
| Address                   | : Mahanad, Polba, Hooghly       | Sampling Date                               | : 25.03.2025 - 26.03.2025 |                |                                |
|                           |                                 | Period of Analysis                          | : 26.03.2025 - 27.03.2025 |                |                                |
|                           |                                 | Date of Issue                               | : 29.03.2025              |                |                                |
| Sampling Plan & Procedure | : ENV/SOP/01                    | Deviation from the Sampling Method and Plan | : No                      | Type of Sample | : Ambient Air                  |
| Sample Condition          | : Sealed                        | Sample ID No.                               | : ENV/44/March/A/III      | Report No.     | : ENV/44/March/TR(A)/III/24-25 |

### A] GENERAL INFORMATION

1. Location of Sampling : Near Accounts Office
2. Duration of Sampling : 24 hrs. (11:00 a.m. - 11:00 a.m.)

### B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 33.0
2. Average Relative Humidity (%) : 60.0
3. Barometric Pressure (mm of Hg) : 754.0
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 | 3.50   | N.A.  |

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

### Reviewed By :

*Indrani Bhattacharya*

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Dy. Technical Manager, Chemical

### Authorised Signatory :

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# ENVIROCHECK

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



## TEST REPORT

FORMAT NO : ENV/FM/37

|                           |                                 |   |                           |                |                               |
|---------------------------|---------------------------------|---|---------------------------|----------------|-------------------------------|
| Name of the Industry      | : Alpine Distilleries Pvt. Ltd. | Type of Industry                            | : Distillery              |                |                               |
| Address                   | : Mahanad, Polba, Hooghly       | Sampling Date                               | : 25.03.2025 - 26.03.2025 |                |                               |
|                           |                                 | Period of Analysis                          | : 26.03.2025 - 27.03.2025 |                |                               |
|                           |                                 | Date of Issue                               | : 29.03.2025              |                |                               |
| Sampling Plan & Procedure | : ENV/SOP/01                    | Deviation from the Sampling Method and Plan | : No                      | Type of Sample | : Ambient Air                 |
| Sample Condition          | : Sealed                        | Sample ID No.                               | : ENV/44/March/A/IV       | Report No.     | : ENV/44/March/TR(A)/IV/24-25 |

### A] GENERAL INFORMATION

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

### B] METEOROLOGICAL INFORMATION

1. Average Temperature ( $^{\circ}$ C) : 32.0
2. Average Relative Humidity (%) : 58.0
3. Barometric Pressure (mm of Hg) : 754.0
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> | $\mu$ g/m <sup>3</sup> | IS 5182 (Part 24) : 2019  | 31.27   | 60.0  |
| 2.      | Concentration of PM <sub>10</sub>  | $\mu$ g/m <sup>3</sup> | IS 5182 (PART 23) : 2019  | 67.47   | 100.0 |
| 3.      | Concentration of SO <sub>2</sub>   | $\mu$ g/m <sup>3</sup> | IS 5182 (Part 2) 2017 & ASTM D 2914-01,<br>Sec. 11 (Vol. 11.07) : 2017  | 5.20    | 80.0  |
| 4.      | Concentration of NO <sub>2</sub>   | $\mu$ g/m <sup>3</sup> | IS 5182 (Part 6) 2017 & ASTM D 1607-91 :<br>Sec. 11 (Vol. 11.07) : 2018 | 14.80   | 80.0  |
| 5.      | Concentration of CO                | mg/m <sup>3</sup>      | IS 5182 (Part 10) : 2019  | 0.14    | 2.0   |

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

Reviewed By :

INDRANI BHATTACHARYA  
Dy. Technical Manager, Chemical

Authorised Signatory :

DR. SUMIT CHOWDHURY  
Technical Manager

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Branch Office : Siliguri ■ Haldia ■ Durgapur ■ Dhanbad ■ Port Blair ■ Noida



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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                               | : 25.03.2025 - 26.03.2025 |                |                               |
|                           |                                 | Period of Analysis                          | : 26.03.2025 - 27.03.2025 |                |                               |
|                           |                                 | Date of Issue                               | : 29.03.2025              |                |                               |
| Sampling Plan & Procedure | : ENV/SOP/01                    | Deviation from the Sampling Method and Plan | : No                      | Type of Sample | : Ambient Air                 |
| Sample Condition          | : Sealed                        | Sample ID No.                               | : ENV/44/March/A/IV       | Report No.     | : ENV/44/March/TR(A)/IV/24-25 |

### A] GENERAL INFORMATION

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

### B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 32.0
2. Average Relative Humidity (%) : 58.0
3. Barometric Pressure (mm of Hg) : 754.0
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 | 2.60   | N.A.  |

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

### Reviewed By :

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



## TEST REPORT

FORMAT NO : ENV/FM/37

|                           |                                 |   |                           |                |                              |
|---------------------------|---------------------------------|---|---------------------------|----------------|------------------------------|
| Name of the Industry      | : Alpine Distilleries Pvt. Ltd. | Type of Industry                            | : Distillery              |                |                              |
| Address                   | : Mahanad, Polba, Hooghly       | Sampling Date                               | : 25.03.2025 - 26.03.2025 |                |                              |
|                           |                                 | Period of Analysis                          | : 26.03.2025 - 27.03.2025 |                |                              |
|                           |                                 | Date of Issue                               | : 29.03.2025              |                |                              |
| Sampling Plan & Procedure | : ENV/SOP/01                    | Deviation from the Sampling Method and Plan | : No                      | Type of Sample | : Ambient Air                |
| Sample Condition          | : Sealed                        | Sample ID No.                               | : ENV/44/March/A/V        | Report No.     | : ENV/44/March/TR(A)/V/24-25 |

### A] GENERAL INFORMATION

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

### B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 32.0
2. Average Relative Humidity (%) : 58.0
3. Barometric Pressure (mm of Hg) : 754.0
4. Smell or Odour : No Remarkable Smell
5. Weather Condition : Clear

### C] RESULTS

| SL. NO. | PARAMETERS                         | UNIT              | METHOD NO.   | RESULTS | LIMIT |
|---------|------------------------------------|-------------------|--|---------|-------|
| 1.      | Concentration of PM <sub>2.5</sub> | µg/m <sup>3</sup> | IS 5182 (Part 24) : 2019   | 42.15   | 60.0  |
| 2.      | Concentration of PM <sub>10</sub>  | µg/m <sup>3</sup> | IS 5182 (PART 23) : 2019   | 68.23   | 100.0 |
| 3.      | Concentration of SO <sub>2</sub>   | µg/m <sup>3</sup> | IS 5182 (Part 2) 2017 & ASTM D 2914-01, Sec. 11 (Vol. 11.07) : 2017  | 5.85    | 80.0  |
| 4.      | Concentration of NO <sub>2</sub>   | µg/m <sup>3</sup> | IS 5182 (Part 6) 2017 & ASTM D 1607-91 : Sec. 11 (Vol. 11.07) : 2018 | 18.50   | 80.0  |
| 5.      | Concentration of CO                | mg/m <sup>3</sup> | IS 5182 (Part 10) : 2019   | 0.14    | 2.0   |

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

#### Reviewed By :

*Indrani Bhattacharya*

INDRANI BHATTACHARYA  
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#### Authorised Signatory :

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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                               | : 25.03.2025 - 26.03.2025 |                |                              |
|                           |                                 | Period of Analysis                          | : 26.03.2025 - 27.03.2025 |                |                              |
|                           |                                 | Date of Issue                               | : 29.03.2025              |                |                              |
| Sampling Plan & Procedure | : ENV/SOP/01                    | Deviation from the Sampling Method and Plan | : No                      | Type of Sample | : Ambient Air                |
| Sample Condition          | : Sealed                        | Sample ID No.                               | : ENV/44/March/A/V        | Report No.     | : ENV/44/March/TR(A)/V/24-25 |

### A] GENERAL INFORMATION

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

### B] METEOROLOGICAL INFORMATION

1. Average Temperature (°C) : 32.0
2. Average Relative Humidity (%) : 58.0
3. Barometric Pressure (mm of Hg) : 754.0
4. Smell or Odour : No Remarkable Smell
5. Weather Condition : Clear

### C] RESULT

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

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

### Reviewed By :

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Dy. Technical Manager, Chemical

### Authorised Signatory :

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Technical Manager

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# ANNEXURE-5

## Occupational Health Surveillance:





**Ambulance:**



## CSR Activities:



Blood Donation camp



Bus Stop development in nearby village



Tree Plantation Program

**ANNEXURE 6:  
WOMEN EMPOWERMENT**

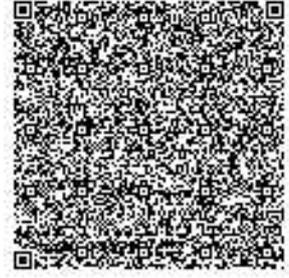


**ANNEXURE 7:  
PACKAGING AND SELL RECEIPT DDGS (DRIED DISTILLERS GRAINS  
WITH SOLUBLE**



**TAX INVOICE**

e-Invoice



IRN : d2ad465be426a8f3ebb5c1cadd5dc8ea0c3c0990c55-aff4121d998d462556d4d  
 Ack No. : 182519972876542  
 Ack Date : 20-Aug-25

|   |  |   |
|---|--|---|
|  <b>ALPINE DISTILLERIES PVT.LTD.</b><br>MOUZA : NAGARPARA & MEGHSAR<br>VILL+PO - MAHANAD, P.S - POLBA<br>DIST- HOOGHLY, PIN - 712149<br>FSSAI NO - 10021031000056<br>GSTIN/UIN: 19AADCA9296Q1ZN<br>State Name : West Bengal, Code : 19<br>E-Mail : accounts@alpinedistilleries.co.in | Invoice No. e-Way Bill No.<br><b>ADPLG/2526/435 891567846246</b> | Dated<br><b>20-Aug-25</b>               |
|   | Delivery Note  | Mode/Terms of Payment<br><b>ADVANCE</b> |
| Consignee (Ship to)<br><b>BIJAYALAXMI AGENCIES</b><br>PLT NO - 1300/3094, JAYADURGA NAGAR ,<br>BHUBANESWAR , ODISHA<br>GSTIN/UIN : 21AAQFB6430R1Z2<br>State Name : Odisha, Code : 21  | Reference No. & Date.<br><b>435 dt. 20-Aug-25</b>                | Other References                        |
|   | Buyer's Order No.  | Dated                                   |
| Buyer (Bill to)<br><b>BIJAYALAXMI AGENCIES</b><br>PLT NO - 1300/3094, JAYADURGA NAGAR ,<br>BHUBANESWAR , ODISHA<br>GSTIN/UIN : 21AAQFB6430R1Z2<br>State Name : Odisha, Code : 21  | Dispatch Doc No.   | Delivery Note Date                      |
|   | Dispatched through<br><b>TRUCK</b>                               | Destination<br><b>BHUBANESWAR</b>       |
|   | Bill of Lading/LR-RR No.<br><b>dt. 20-Aug-25</b>                 | Motor Vehicle No.<br><b>JH02AQ6574</b>  |
|   | Terms of Delivery<br><b>EX-FACTORY</b>                           |   |

| Sl No.       | Description of Goods   | HSN/SAC  | Quantity            | Rate  | per | Amount               |
|--------------|--|----------|---------------------|-------|-----|----------------------|
| 1            | <b>DDGS (Dried Distillers Grains with Solubles)</b><br><i>Animal Feed Supplement</i> | 23033000 | <b>25,080.00 KG</b> | 14.50 | KG  | <b>3,63,660.00</b>   |
|              | <b>IGST @ 5%</b>   |          |                     |       |     | <b>18,183.00</b>     |
| <b>Total</b> |  |          | <b>25,080.00 KG</b> |       |     | <b>₹ 3,81,843.00</b> |

Amount Chargeable (in words) E. & O.E

**Indian Rupees Three Lakh Eighty One Thousand Eight Hundred Forty Three Only**

| HSN/SAC      | Taxable Value      | IGST |                  | Total Tax Amount |
|--------------|--------------------|------|------------------|------------------|
|              |                    | Rate | Amount           |                  |
| 23033000     | 3,63,660.00        | 5%   | 18,183.00        | 18,183.00        |
| <b>Total</b> | <b>3,63,660.00</b> |      | <b>18,183.00</b> | <b>18,183.00</b> |

Tax Amount (in words) : **Indian Rupees Eighteen Thousand One Hundred Eighty Three Only**

|   |  |
|---|--|
| Company's CST No. : <b>19616286042</b><br>Company's PAN : <b>AADCA9296Q</b>   | Company's Bank Details<br>A/c Holder's Name : <b>ALPINE DISTILLERIES PRIVATE LIMITED</b><br>Bank Name : <b>CC-SBI-41623406861</b><br>A/c No. : <b>41623406861</b><br>Branch & IFS Code : <b>IFB, KOLKATA &amp; SBIN0001936</b> |
| Declaration<br>We declare that this invoice shows the actual price of the goods described and that all particulars are true and | for <b>ALPINE DISTILLERIES PVT.LTD.</b><br><br>Authorised Signatory  |

SUBJECT TO KOLKATA JURISDICTION

This is a Computer Generated Invoice



PEED POST

PEED POST

**WEST BENGAL POLLUTION CONTROL BOARD**

(Department of Environment, Govt. of West Bengal)

Paribesh Bhawan, 10A, Block - LA, Sector-III

Bidhannagar, Kolkata-700 098, India

Tel : 2335 - 9088 / 7428 / 8211 / 6731 / 0261 / 8861 / 5868 / 1625

Fax : 2335 - 5868 / 2813

City Code : 33, Country Code : 91

Website: [www.wbpcb.gov.in](http://www.wbpcb.gov.in)

Memo No. -2N-101/2012(E)

Dated: .10.2013

To  
Mr. A. N Singh, Dy. Director (I.A Division)  
Ministry of Environment & Forests,  
Government of India, Paryavaran Bhawan,  
CGO Complex, Lodhi Road,  
New Delhi - 110 003.

**Sub:** Public Hearing for the proposed Grain Based Distillery (60 KLD) alongwith Cogeneration Power Plant (3.0 MW) at Village - Mahanad, Block - Polba-Dadpur, PS - Polba, Dist - Hooghly, West Bengal.

Sir,

I am enclosing herewith the following documents for the above mentioned project towards environmental clearance by the Ministry of Environment & Forests, Govt. of India.

1. Chronology of events leading to Public Hearing. (Annexure - I).
2. Minutes of Public Hearing dated 11.09.2013 at the Office of the Block Development Officer, Block - Polba - Dadpur, Dist - Hooghly, West Bengal. (Annexure - II).
3. Copy of attendance of panel members and others in Public Hearing. (Annexure - III).
4. One CD containing the videography of the public hearing. (Annexure - IV).

Yours faithfully,

Sd/-

(D. Sarkar)  
Senior Environmental Engineer (EIM Cell)  
West Bengal Pollution Control Board

Encl: As stated.

Memo No. 533(1) -2N-101/2012(E)

Dated: 09.10.2013

Copy to:

Mr. Debraj Mukharjee, Director, M/s. Alpine Distilleries Pvt. Ltd., 11, Swinhoe Lane, PO & PS - Kasba, Kolkata - 700042.

(D. Sarkar)  
Senior Environmental Engineer (EIM Cell)  
West Bengal Pollution Control Board

## **Annexure-I**

### **Chronology of events leading to Public Hearing**

1. Copy of the letter from the District Magistrate, Dist – Hooghly dated 02.08.2013 (copy enclosed).
2. Letter of circulation of copies of Executive Summary and EIA/EMP of the project on 05.08.2013 (copy enclosed).
3. Notification of Public Hearing in two local dailies published on 08.08.2013 (copy enclosed).
4. Holding Public Hearing dated 11.09.2013 at the Office of the Block Development Officer, Block – Polba - Dadpur, Dist – Hooghly, West Bengal.

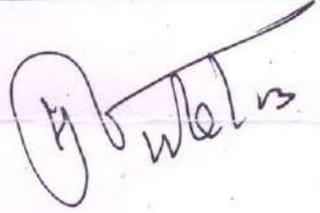
### **Copies of Executive Summary with EIA/EMP report were available for public scrutiny in the offices of:**

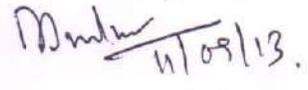
1. Office of the District Magistrate, Hooghly, Govt. of West Bengal.
2. Office of the Additional District Magistrate (General), Dist – Hooghly, Govt. of West Bengal
3. Office of the Sabhapati, Polba-Dadpur Panchayat Samity, Dist. - Hooghly.
4. Office of the Block Development Officer, Polba – Dadpur Development Block, Dist. - Hooghly.
5. Office of the General Manager, D.I.C., Hooghly.
6. Office of the Sabhadhipati, Hooghly Zilla Parishad.
7. Office of the Mahanad Gram Panchayat, Dist – Hooghly.
8. Office of the Chief Engineer (O & E), Paribesh Bhawan, 10A, Block – LA, Sector–III , Salt Lake City, Kolkata – 700 098.
9. Office of the Senior Environmental Engineer, Kankinara Circle Office, Panpur More, Kalyani Express Way, PO – Narayanpur, Dist: 24 Parganas(N).
10. Office of the Environmental Engineer, Hooghly Regional Office, Himalaya Bhavan, Dankuni, Delhi Road, Hooghly.
11. Department of Environment, Govt. of West Bengal, Poura Bhavan, 4<sup>th</sup> Floor, FD-415/1, Sector – III, Salt lake, Kolkata 700 106.
12. Ministry of Environment & Forests, Eastern Zonal Office, Bhubaneswar.
13. Head Office of West Bengal Pollution Control Board, Paribesh Bhawan, 10A, Block – LA, Sector–III, Salt Lake City, Kolkata – 700 098.

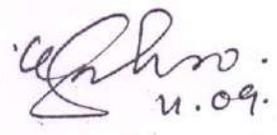
Statement of attendance of The Panel Members of The Public Hearing for the proposed Grain Based Distillery (60KLD) alongwith Cogeneration power Plant (3.0MW) at village - Mahanadd, Block - Polba - Dadpur, Ps - Polba, Dist - Hooghly, West Bengal, Proposed by M/s Alpine Distilleries Pvt Ltd.

Public Hearing held on 11.09.2013 at 12:00 Hrs. at the office of the Block Development officer, Polba - Dadpur Development Block, Dist - Hooghly. West Bengal.

| Sl. No. | Name of the Panel Members | Signature. |
|---------|---------------------------|------------|
|---------|---------------------------|------------|

|    |   |   |
|----|---|---|
| 1. | Smt. M. Arya, IAS<br>Additional District Magistrate<br>Hooghly. |  |
|----|---|---|

|    |  |  |
|----|--|--|
| 2. | Sri D. Sarkar.<br>Sr. Environmental Engineer<br>WBPCB. | <br>11/09/13. |
|----|--|--|

|    |   |  |
|----|---|--|
| 3. | Sri K. Sahoo.<br>Asst. Environmental Engineer<br>WBPCB. | <br>11.09.13. |
|----|---|--|

Other Persons & Govt officials Present in the  
Public Hearing on 11.09.2013 at 12:00 Hrs.

| SL NO. | Name of The Persons with Address     | Signature        |
|--------|--------------------------------------|------------------|
| 1      | Jadab Mondal MAHANAD                 | Jadab            |
| 2      | Bharat Murmu DO                      | Bharat murmu     |
| 3      | Tusi Kundu DO                        | BSI 19 BSI       |
| 4      | Anima Dutta Mahanad (Sitata)         | 11/9/13          |
| 5      | Ratna Das DO                         | रतना दास         |
| 6      | Sampa Das Mahanad (Ramnathpur)       | Sampa Das        |
| 7      | Shibani Mondal (Mahanad (Nagarpara)) | Shibani Mondal   |
| 8      | Shampa Paul (Mahanad Nagarpara)      | Shampa Paul      |
| 9      | Rama Singh (Mahanad)                 | रामा सिंघ        |
| 10     | Mammani Mondal (Nagarpara)           | मा मनि मण्डल     |
| 11     | Mousumi Ganguly (Mahanad Balichara)  | Mousumi Ganguly  |
| 12     | Kabita Khan DO                       | Kabita Khan      |
| 13     | Mamata Bauldas (Meghsam)             | मा मता बाउदास    |
| 14     | Sobha Bauldas DO                     | सोभा बाउदास      |
| 15     | Alpana Khara (Dumbasini)             | अल्पना खारा      |
| 16     | Sumanta mitra (Mahanad, Hooghly)     | 11/9/13          |
| 17     | Sukhi Mandi (Singhanda)              | सुखी मण्डि       |
| 18     | Parul Jedu (Porba)                   | पारुल            |
| 19     | Fulmoni Saren (Porba)                | फुलमोनि सरेन     |
| 20     | Susama Deshmukh (Meghsam)            | Susama Deshmukh  |
| 21     | Rakha Samanta (Meghsam)              | रखा सामन्ता      |
| 22     | Aparna Samanta (Nagarpara)           | अपारना सामन्ता   |
| 23     | Mayna Adak (Dumbasini)               | Mayna Adak       |
| 24     | Kakali Neogi (Ampa)                  | Kakali Neodi     |
| 25     | Arati Mandi (Dadpur)                 | Arati Mandi      |
| 26     | Soma Das (Mahanad)                   | Soma Dutta       |
| 27     | Anjana Nandi (Mahanad Sitata)        | अंजना नान्डी     |
| 28     | Bahamani Dutt (Baba begha)           | बाहामनी दुट्ट    |
| 29     | Latika Naghi (Sitata West)           | लाटिका नागि      |
| 30     | Pinki Biswas (Mahanad)               | Pinki biswas     |
| 31     | Samit Mondal (Mahanad)               | Samit kre Mondal |

Other Persons & Govt. officials Present in  
The Public Hearing on 11.09.2013 at 12:00 Hrs.

| SL NO. | Name of the Persons with Address | Signature                   |
|--------|----------------------------------|-----------------------------|
| 32     | Kanan Paul (Maharaj)             | कानन पावल<br>Bishu ch. Aute |
| 33     | Bitan Chandra Das (Maharaj)      | Rupatan Tudu                |
| 34     | Rupatan Tudu (Maharaj)           | santi brata su              |
| 35     | santi brata su (Amman)           | ROY                         |
| 36     | Sital Roy (Amman)                | Sisir Roy                   |
| 37     | Sisir Roy (Kumbar)               | Barunapara                  |
| 38     | Sunit Ghosh                      | Sunit manchi                |
| 39     | Sunit manchi                     | Mahesh Tudu                 |
| 40     | Mahesh Tudu (Pandalua)           | महेश तडु                    |
| 41     | Purnima Munda (Pandalua)         |                             |
| 42     | Namita Baul Das (Maharaj)        | Namita Baul Das             |
| 43     | Jayanta Ghosh - Barunapara       | Jayanta Ghosh               |
| 44     | Anima Paul (Maharaj)             | Anima Paul                  |
| 45     |                                  |                             |
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**PROCEEDINGS OF THE PUBLIC HEARING FOR THE PROPOSED GRAIN BASED DISTILLERY (CAPACITY-60 KLD) ALONG WITH COGENERATION POWER PLANT (3 MW) AT VILLAGE-MAHANAD, BLOCK-POLBA-DADPUR, P.O & P.S- POLBA, DISTRICT-HOOGHLY, WEST BENGAL, PROPOSED BY M/S ALPINE DISTILLERIES PRIVATE LIMITED, HELD ON 11.09.2013 AT 12:00 NOON AT THE OFFICE OF THE BLOCK DEVELOPMENT OFFICER, BLOCK-POLBA-DADPUR, DISTRICT-HOOGHLY, WEST BENGAL.**

M/s Alpine Distilleries Pvt. Ltd. submitted an application to the West Bengal Pollution Control Board for conducting a Public Hearing for the grain based distillery (capacity-60 KLD) along with cogeneration power plant (3 MW) at Village-Mahanad, Block-Polba-Dadpur, P.O & P.S- Polba, District-Hooghly, West Bengal. As per the EIA Notification S.O. 1533 dated 14th September, 2006 of the MoEF, Govt. of India, Environmental Clearance of the said project is required to be obtained from the MoEF, Govt. of India after conducting the Public Hearing.

Accordingly, West Bengal Pollution Control Board after observing all formalities, held the Public Hearing on 11.09.2013 at 12.00 Noon at the Office of the Block Development Officer, Block-Polba-Dadpur, District-Hooghly, West Bengal. Smt. Mukta Arya, IAS, Additional District Magistrate (General), Hooghly, presided over the hearing. List of the panel members and the others present in the public hearing is enclosed.

The hearing started with a welcome note from Sri D. Sarkar , Sr. Environmental Engineer, WBPCB. He explained the provisions of the above stated MoEF Notification and also informed the audience about the proposal of M/s Alpine Distilleries Pvt. Ltd for the proposed Grain based Distillery (capacity-60 KLD) along with Cogeneration Power Plant (3 MW)

Smt. Mukta Arya, IAS, Additional District Magistrate (General), Hooghly, welcomed the audience and requested the Project Proponent (PP) to explain in details about the proposed project in Bengali language for discussion among the panel members and others present in the hearing.

Project Proponent, M/s Alpine Distilleries Pvt. Ltd, narrated about the details of proposed Grain based Distillery (capacity-60 KLD) along with Cogeneration Power Plant (3 MW) including the proposed pollution control devices through Power Point presentation emphasizing on the likely environmental impacts arising out of the proposed activity as well as the proposed mitigation measures to be adopted by them.

Project Proponent mentioned that a brief description about the project has already been circulated among the public present in hearing. Total land requirement for the proposed project is 4.5 Ha and green belt will be developed in an area of 1.5 Ha. He highlighted that properly designed ESP with adequate stack will be provided as air pollution control device for the proposed rice husk/coal fired boiler of Captive Power Plant. Coal ash generated from the power plant will be used for brick manufacturing and land filling. Effluent generated from the process will be treated in effluent treatment plant and treated waste water will be reused. No treated wastewater will be discharged outside the plant premises and the proponent will

maintain 'Zero discharge'. The proponent also proposed to develop Rain water harvesting structure to utilize rain water. Baseline study of the ambient air quality reveals that ambient air quality is within the permissible limit.

Project Proponent also informed that the industry is planning for initiating Community Development programmes like renovation of local school buildings, scholarships for higher education, ambulance service to the surrounding population, health check up camp in surrounding villages etc. He has also mentioned that they would generate employment for local people.

Smt. Mukta Arya, IAS, Additional District Magistrate (General), Hooghly, requested the audience to raise their questions and/or opinions, if any.

During the discussion the panel members and the others present in the public hearing made queries / suggestions with respect to the proposed project, which are noted below:

Sri Gobinda nath Sen, Daskhinpara of Vill-Mahanad welcomed the proposed project with all the commitments made by the Project Proponent during their presentation. He requested the project proponent to ensure their commitments regarding pollution control and developmental activities in the locality.

Sri Debal Samaddar of Vill -Mahanad stated that no such human habitation is present at the proposed site of industry. He also welcomed the proposed project with all the commitments made by the Project Proponent during their presentation. He informed that they want the industry along with infrastructural development of the locality and employment for local people.

Smt. Mousumi Gayen & Smt. Mayna Adak of Vill - Mahanad welcome the project and requested the project proponent for consideration of employment of local women. They also requested the project proponent to take necessary steps for controlling of pollution from the proposed unit.

Sri Bablu Santra of Village Mahanad mentioned that a fishery project under Zilla Parisad is located near to the proposed project site and requested for development of the said project. He also requested the project proponent for local employment and development of locality.

Smt. Mukta Arya, IAS, Additional District Magistrate (General), Hooghly, then requested the Project Proponent to reply on the issues raised by the public present in the hearing.

The project proponent of M/s Alpine Distilleries Pvt. Ltd. appreciated the various issues expressed by different participants and welcomed their suggestions. He stated that they will address all the issues raised in the public hearing during finalizing the EIA/EMP report. He also mentioned that DDGS (Dried Distillers Grains with Solubles), which is a coproduct of the distillery and used as cattle feed, may also be used as fish feed for the fishery project. He also committed that necessary abatement measures will be adopted to control air and water pollution from the proposed industry. He also committed that local people will be given

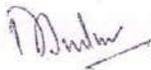
preferences for employment. He mentioned that the industry would generate employment around 100-150 people and local people will be given preferences.

Sri Samit Mondal , Sri Nirapada Dhar and Laboni Pal of Vill- Mahanad thanked the project proponent for their upcoming project, which they expected, will help in overall development of the area at large. They requested the project proponent to ensure that their commitments regarding air pollution control and development activities in the locality.

Smt. Mukta Arya, IAS, Additional District Magistrate ((General), Hooghly appreciated the proposal taken by M/s. Alpine Distilleries Pvt. Ltd. during the public hearing and expressed her hope that the project would be implemented as per the commitment made by the proponent and would be maintained in such a manner that the unit would comply with the environmental norms. She also emphasized that all possible measures should be ensured by the project proponent towards the mitigation of all environmental problems and various issues raised by the people present in the hearing.

Sri D.Sarkar, Sr. Environmental Engineer, WBPCB requested the project proponent to fulfill the commitment made during the presentation and incorporate all the issues raised during the public hearing in the final EIA report and address the issues properly.

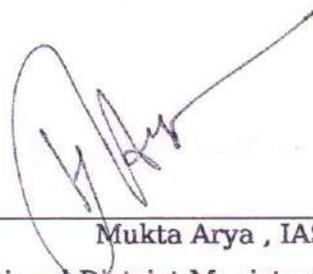
In general, the public present in the hearing welcomed the for the project provided that the Project Proponent will implement all the commitments made during public hearing. Finally, Smt. Mukta Arya, IAS, Additional District Magistrate (General) , Hooghly concluded the session.



---

D.Sarkar

Sr. Environmental Engineer  
West Bengal Pollution Control Board



---

Mukta Arya , IAS

Additional District Magistrate (General)  
Hooghly

*Additional District Magistrate (G)*  
Hooghly.

SPEED POST

E.I.M. CELL  
W.B. POLLUTION CONTROL BOARD  
SPEED POST

To,  
M/s. Alpine Distilleries Pvt. Ltd.  
11, Swinhoe Lane,  
PO & PS - Kasba,  
Kolkata-700 042.

SPEED POST  
P. N. P. L.  
Code No. 000 501-047  
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MBC, Yogayog Bhawan  
Kolkata-700 012

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**WEST BENGAL POLLUTION CONTROL BOARD**  
**"PARIBESH BHAWAN"**  
10A, BLOCK-LA, SECTOR-III  
BIDHANNAGAR, KOLKATA-700 098

E.I.M. CELL  
W.B. POLLUTION CONTROL BOARD



# **Annexure-19**



# ENVIROCHECK

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



## TEST REPORT

FORMAT NO : ENV/FM/37

|                           |  |   |                           |                |                               |
|---------------------------|--|---|---------------------------|----------------|-------------------------------|
| Name of the Client        | : Alpine Distilleries Pvt. Ltd.  | Type of Industry                            | : Grain Based Distillery  |                |                               |
| Address                   | : Mauza – Meghsar & Nagarpara, Vill. + P.O. – Mahanad, P.S. – Polba, Dist. – Hooghly, Pin – 712149 | Sampling date                               | : 03.09.2025 – 04.09.2025 |                |                               |
|                           |  | Date of received                            | : 04.09.2025              |                |                               |
|                           |  | Date (s) of analysis                        | : 04.0.2025 – 05.09.2025  |                |                               |
|                           |  | Date of Issue                               | : 08.09.2025              |                |                               |
| Sampling Plan & Procedure | : ENV/SOP/01/01  | Deviation from the Sampling Method and Plan | : No                      | Type of Sample | : Ambient Air                 |
| Sample Condition          | : Sealed   | Sample ID No.                               | : ENV/04/Sep./A/III       | Report No.     | : ENV/04/Sep./TR(A)/III/25-26 |
| Sample Testing Location   | : Permanent Testing  |   |                           |                |                               |

|           |  |
|-----------|--|
| <b>A]</b> | <b>GENERAL INFORMATION</b>                               |
| 1.        | Location of Sampling : Near Account Office               |
| 2.        | Duration of Sampling : 24 hrs. (09:00 a.m. – 09:00 a.m.) |

| B] | METEOROLOGICAL INFORMATION | UNIT | METHOD   | OBSERVED VALUE |
|----|----------------------------|------|--|----------------|
| 1. | Temperature                | °C   | ASTM E 337-02 : Sec.11, Vol. 11.07                                       | 28.0           |
| 2. | Humidity                   | %    | ASTM E 337-02 : Sec.11, Vol. 11.07                                       | 90.0           |
| 3. | Rainfall                   | mm   | IS : 5235 & Specification of Surface Meteorological Instrument, IMD, GOI | 25.5           |

| C]      | RESULTS   |                   |                       |         |       |
|---------|---|-------------------|-----------------------|---------|-------|
| SL. NO. | PARAMETERS  | UNIT              | METHOD NO.            | RESULTS | LIMIT |
| 1.      | Fine Particulate Matter<br>(Size less than 2.5 µm) of PM2.5               | µg/m <sup>3</sup> | IS 5182 (Part 24)     | 36.26   | 60.0  |
| 2.      | Respirable Suspended Particulate Matter<br>(Size less than 10 µm) of PM10 | µg/m <sup>3</sup> | IS 5182 (PART 23)     | 67.50   | 100.0 |
| 3.      | Sulfur Dioxide  | µg/m <sup>3</sup> | IS 5182 Part 2, Sec.1 | 7.78    | 80.0  |
| 4.      | Nitrogen dioxide  | µg/m <sup>3</sup> | IS 5182 Part 6        | 20.03   | 80.0  |
| 5.      | Carbon Monoxide   | mg/m <sup>3</sup> | IS 5182 Part 10       | 0.18    | 2.0   |

**Remarks** : Result relates only to the sample tested.  
 : Result shows that all parameters are within 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 Bhattacharyya)  
(Dy. Technical Manager)

Authorised Signatory :

(Dr. Ajoy Paul)  
(Quality Manager)

H.O. : 63/B, Rastraguru Avenue, Kolkata - 700028 ( 033-25792891/25497490, Fax : 033-25299141  
 Laboratory : 189,190,192,186 & 51 Rastraguru Avenue, Kolkata - 700028 ( 033-25792889  
 Email : info@envirocheck.in/envirocheck50@gmail.com / Website : www.envirocheck.in  
 Branch Office : Siliguri ▪ Haldia ▪ Durgapur ▪ Dhanbad ▪ Gangtok ▪ Port Blair ▪ Dehradun ▪ New Delhi  
 Overseas : UAE ▪ Qatar ▪ Netherlands



# ENVIROCHECK

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



## TEST REPORT

FORMAT NO : ENV/FM/37

|                           |  |   |                           |                |                               |
|---------------------------|--|---|---------------------------|----------------|-------------------------------|
| Name of the Client        | : Alpine Distilleries Pvt. Ltd.  | Type of Industry                            | : Grain Based Distillery  |                |                               |
| Address                   | : Mauza – Meghsar & Nagarpara, Vill. + P.O. – Mahanad, P.S. – Polba, Dist. – Hooghly, Pin – 712149 | Sampling date                               | : 03.09.2025 – 04.09.2025 |                |                               |
|                           |  | Date of received                            | : 04.09.2025              |                |                               |
|                           |  | Date (s) of analysis                        | : 04.0.2025 – 05.09.2025  |                |                               |
|                           |  | Date of Issue                               | : 08.09.2025              |                |                               |
| Sampling Plan & Procedure | : ENV/SOP/01/01  | Deviation from the Sampling Method and Plan | : No                      | Type of Sample | : Ambient Air                 |
| Sample Condition          | : Sealed   | Sample ID No.                               | : ENV/04/Sep./A/III       | Report No.     | : ENV/04/Sep./TR(A)/III/25-26 |
| Sample Testing Location   | : Permanent Testing  |   |                           |                |                               |

| A] | GENERAL INFORMATION                                      |
|----|--|
| 1. | Location of Sampling : Near Account Office               |
| 2. | Duration of Sampling : 24 hrs. (09:00 a.m. – 09:00 a.m.) |

| B] | METEOROLOGICAL INFORMATION | UNIT | METHOD   | OBSERVED VALUE |
|----|----------------------------|------|--|----------------|
| 1. | Temperature                | °C   | ASTM E 337-02 : Sec.11, Vol. 11.07                                       | 28.0           |
| 2. | Humidity                   | %    | ASTM E 337-02 : Sec.11, Vol. 11.07                                       | 90.0           |
| 3. | Rainfall                   | mm   | IS : 5235 & Specification of Surface Meteorological Instrument, IMD, GOI | 25.5           |

| C]      | RESULT   |                   |                     |        |       |
|---------|--|-------------------|---------------------|--------|-------|
| SL. NO. | PARAMETER  | UNIT              | METHOD NO.          | RESULT | LIMIT |
| 1.      | Hydrocarbon  | µg/m <sup>3</sup> | IS 5182 (Part XVII) | 6.80   | N.A.  |
| Remarks | : Result relates only to the sample tested.<br>: N.A. means Not Available. |                   |                     |        |       |

Reviewed By :

*Indrani Bhattacharyya*

(Indrani Bhattacharyya)  
(Dy. Technical Manager)

Authorised Signatory :

*Dr. Ajoy Paul*

(Dr. Ajoy Paul)  
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# ENVIROCHECK

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



## TEST REPORT

FORMAT NO : ENV/FM/37

|                           |  |   |                           |                |                              |
|---------------------------|--|---|---------------------------|----------------|------------------------------|
| Name of the Client        | : Alpine Distilleries Pvt. Ltd.  | Type of Industry                            | : Grain Based Distillery  |                |                              |
| Address                   | : Mauza – Meghsar & Nagarpura, Vill. + P.O. – Mahanad, P.S. – Polba, Dist. – Hooghly, Pin – 712149 | Sampling date                               | : 03.09.2025 – 04.09.2025 |                |                              |
|                           |  | Date of received                            | : 04.09.2025              |                |                              |
|                           |  | Date (s) of analysis                        | : 04.0.2025 – 05.09.2025  |                |                              |
|                           |  | Date of Issue                               | : 08.09.2025              |                |                              |
| Sampling Plan & Procedure | : ENV/SOP/01/01  | Deviation from the Sampling Method and Plan | : No                      | Type of Sample | : Ambient Air                |
| Sample Condition          | : Sealed   | Sample ID No.                               | : ENV/04/Sep./A/IV        | Report No.     | : ENV/04/Sep./TR(A)/IV/25-26 |
| Sample Testing Location   | : Permanent Testing  |   |                           |                |                              |

|           |  |
|-----------|--|
| <b>A]</b> | <b>GENERAL INFORMATION</b>                               |
| 1.        | Location of Sampling : South – East Side of the Plant    |
| 2.        | Duration of Sampling : 24 hrs. (09:30 a.m. – 09:30 a.m.) |

|           |                                   |             |  |                       |
|-----------|-----------------------------------|-------------|--|-----------------------|
| <b>B]</b> | <b>METEOROLOGICAL INFORMATION</b> | <b>UNIT</b> | <b>METHOD</b>  | <b>OBSERVED VALUE</b> |
| 1.        | Temperature                       | °C          | ASTM E 337-02 : Sec.11, Vol. 11.07                                       | 28.0                  |
| 2.        | Humidity                          | %           | ASTM E 337-02 : Sec.11, Vol. 11.07                                       | 90.0                  |
| 3.        | Rainfall                          | mm          | IS : 5235 & Specification of Surface Meteorological Instrument, IMD, GOI | 25.5                  |

|                |  |                   |                       |                |              |
|----------------|--|-------------------|-----------------------|----------------|--------------|
| <b>C]</b>      | <b>RESULTS</b>   |                   |                       |                |              |
| <b>SL. NO.</b> | <b>PARAMETERS</b>  | <b>UNIT</b>       | <b>METHOD NO.</b>     | <b>RESULTS</b> | <b>LIMIT</b> |
| 1.             | Fine Particulate Matter (Size less than 2.5 µm) of PM2.5   | µg/m <sup>3</sup> | IS 5182 (Part 24)     | 32.47          | 60.0         |
| 2.             | Respirable Suspended Particulate Matter (Size less than 10 µm) of PM10   | µg/m <sup>3</sup> | IS 5182 (PART 23)     | 61.53          | 100.0        |
| 3.             | Sulfur Dioxide   | µg/m <sup>3</sup> | IS 5182 Part 2, Sec.1 | 6.36           | 80.0         |
| 4.             | Nitrogen dioxide   | µg/m <sup>3</sup> | IS 5182 Part 6        | 16.69          | 80.0         |
| 5.             | Carbon Monoxide  | mg/m <sup>3</sup> | IS 5182 Part 10       | 0.14           | 2.0          |
| <b>Remarks</b> | : Result relates only to the sample tested.<br>: Result shows that all parameters are within 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 Bhattacharyya)  
(Dy. Technical Manager)

Authorised Signatory :

(Dr. Ajoy Paul)  
(Quality Manager)

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 Overseas : ▪ UAE ▪ Qatar ▪ Netherlands



# ENVIROCHECK

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



## TEST REPORT

FORMAT NO : ENV/FM/37

|                           |  |   |                           |                |                              |
|---------------------------|--|---|---------------------------|----------------|------------------------------|
| Name of the Client        | : Alpine Distilleries Pvt. Ltd.  | Type of Industry                            | : Grain Based Distillery  |                |                              |
| Address                   | : Mauza – Meghsar & Nagarpara, Vill. + P.O. – Mahanad, P.S. – Polba, Dist. – Hooghly, Pin – 712149 | Sampling date                               | : 03.09.2025 – 04.09.2025 |                |                              |
|                           |  | Date of received                            | : 04.09.2025              |                |                              |
|                           |  | Date (s) of analysis                        | : 04.0.2025 – 05.09.2025  |                |                              |
|                           |  | Date of Issue                               | : 08.09.2025              |                |                              |
| Sampling Plan & Procedure | : ENV/SOP/01/01  | Deviation from the Sampling Method and Plan | : No                      | Type of Sample | : Ambient Air                |
| Sample Condition          | : Sealed   | Sample ID No.                               | : ENV/04/Sep./A/IV        | Report No.     | : ENV/04/Sep./TR(A)/IV/25-26 |
| Sample Testing Location   | : Permanent Testing  |   |                           |                |                              |

|           |  |
|-----------|--|
| <b>A]</b> | <b>GENERAL INFORMATION</b>                               |
| 1.        | Location of Sampling : South – East Side of the Plant    |
| 2.        | Duration of Sampling : 24 hrs. (09:30 a.m. – 09:30 a.m.) |

| B] | METEOROLOGICAL INFORMATION | UNIT | METHOD   | OBSERVED VALUE |
|----|----------------------------|------|--|----------------|
| 1. | Temperature                | °C   | ASTM E 337-02 : Sec.11, Vol. 11.07                                       | 28.0           |
| 2. | Humidity                   | %    | ASTM E 337-02 : Sec.11, Vol. 11.07                                       | 90.0           |
| 3. | Rainfall                   | mm   | IS : 5235 & Specification of Surface Meteorological Instrument, IMD, GOI | 25.5           |

| <b>C]</b> | <b>RESULT</b>  |                   |                     |        |       |
|-----------|--|-------------------|---------------------|--------|-------|
| SL. NO.   | PARAMETER  | UNIT              | METHOD NO.          | RESULT | LIMIT |
| 1.        | Hydrocarbon  | µg/m <sup>3</sup> | IS 5182 (Part XVII) | 2.30   | N.A.  |
| Remarks   | : Result relates only to the sample tested.<br>: N.A. means Not Available. |                   |                     |        |       |

Reviewed By :

*Indrani Bhattacharyya*

(Indrani Bhattacharyya)  
(Dy. Technical Manager)

Authorised Signatory :

*Dr. Ajoy Paul*

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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 Client        | : Alpine Distilleries Pvt. Ltd.  | Type of Industry                            | : Grain Based Distillery  |                |                             |
| Address                   | : Mauza – Meghsar & Nagarpura, Vill. + P.O. – Mahanad, P.S. – Polba, Dist. – Hooghly, Pin – 712149 | Sampling date                               | : 03.09.2025 – 04.09.2025 |                |                             |
|                           |  | Date of received                            | : 04.09.2025              |                |                             |
|                           |  | Date (s) of analysis                        | : 04.0.2025 – 05.09.2025  |                |                             |
|                           |  | Date of Issue                               | : 08.09.2025              |                |                             |
| Sampling Plan & Procedure | : ENV/SOP/01/01  | Deviation from the Sampling Method and Plan | : No                      | Type of Sample | : Ambient Air               |
| Sample Condition          | : Sealed   | Sample ID No.                               | : ENV/04/Sep./A/V         | Report No.     | : ENV/04/Sep./TR(A)/V/25-26 |
| Sample Testing Location   | : Permanent Testing  |   |                           |                |                             |

|           |  |
|-----------|--|
| <b>A]</b> | <b>GENERAL INFORMATION</b>                               |
| 1.        | Location of Sampling : South – West Side of the Plant    |
| 2.        | Duration of Sampling : 24 hrs. (10:00 a.m. – 10:00 a.m.) |

| B] | METEOROLOGICAL INFORMATION | UNIT | METHOD   | OBSERVED VALUE |
|----|----------------------------|------|--|----------------|
| 1. | Temperature                | °C   | ASTM E 337-02 : Sec.11, Vol. 11.07                                       | 28.0           |
| 2. | Humidity                   | %    | ASTM E 337-02 : Sec.11, Vol. 11.07                                       | 90.0           |
| 3. | Rainfall                   | mm   | IS : 5235 & Specification of Surface Meteorological Instrument, IMD, GOI | 25.5           |

| C]      | RESULTS  |                   |                       |         |       |
|---------|--|-------------------|-----------------------|---------|-------|
| SL. NO. | PARAMETERS   | UNIT              | METHOD NO.            | RESULTS | LIMIT |
| 1.      | Fine Particulate Matter<br>(Size less than 2.5 µm) of PM2.5  | µg/m <sup>3</sup> | IS 5182 (Part 24)     | 28.32   | 60.0  |
| 2.      | Respirable Suspended Particulate Matter<br>(Size less than 10 µm) of PM10  | µg/m <sup>3</sup> | IS 5182 (PART 23)     | 56.21   | 100.0 |
| 3.      | Sulfur Dioxide   | µg/m <sup>3</sup> | IS 5182 Part 2, Sec.1 | 5.42    | 80.0  |
| 4.      | Nitrogen dioxide   | µg/m <sup>3</sup> | IS 5182 Part 6        | 15.02   | 80.0  |
| 5.      | Carbon Monoxide  | mg/m <sup>3</sup> | IS 5182 Part 10       | <0.1    | 2.0   |
| Remarks | : Result relates only to the sample tested.<br>: Result shows that all parameters are within 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 Bhattacharyya)  
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Authorised Signatory :

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## TEST REPORT

FORMAT NO : ENV/FM/37

|                           |  |   |                           |                |                             |
|---------------------------|--|---|---------------------------|----------------|-----------------------------|
| Name of the Client        | : Alpine Distilleries Pvt. Ltd.  | Type of Industry                            | : Grain Based Distillery  |                |                             |
| Address                   | : Mauza – Meghsar & Nagarpara, Vill. + P.O. – Mahanad, P.S. – Polba, Dist. – Hooghly, Pin – 712149 | Sampling date                               | : 03.09.2025 – 04.09.2025 |                |                             |
|                           |  | Date of received                            | : 04.09.2025              |                |                             |
|                           |  | Date (s) of analysis                        | : 04.0.2025 – 05.09.2025  |                |                             |
|                           |  | Date of Issue                               | : 08.09.2025              |                |                             |
| Sampling Plan & Procedure | : ENV/SOP/01/01  | Deviation from the Sampling Method and Plan | : No                      | Type of Sample | : Ambient Air               |
| Sample Condition          | : Sealed   | Sample ID No.                               | : ENV/04/Sep./A/V         | Report No.     | : ENV/04/Sep./TR(A)/V/25-26 |
| Sample Testing Location   | : Permanent Testing  |   |                           |                |                             |

| A] | GENERAL INFORMATION                                      |
|----|--|
| 1. | Location of Sampling : South – West Side of the Plant    |
| 2. | Duration of Sampling : 24 hrs. (10:00 a.m. – 10:00 a.m.) |

| B] | METEOROLOGICAL INFORMATION | UNIT | METHOD   | OBSERVED VALUE |
|----|----------------------------|------|--|----------------|
| 1. | Temperature                | °C   | ASTM E 337-02 : Sec.11, Vol. 11.07                                       | 28.0           |
| 2. | Humidity                   | %    | ASTM E 337-02 : Sec.11, Vol. 11.07                                       | 90.0           |
| 3. | Rainfall                   | mm   | IS : 5235 & Specification of Surface Meteorological Instrument, IMD, GOI | 25.5           |

| C]      | RESULT   |                   |                     |        |       |
|---------|--|-------------------|---------------------|--------|-------|
| SL. NO. | PARAMETER  | UNIT              | METHOD NO.          | RESULT | LIMIT |
| 1.      | Hydrocarbon  | µg/m <sup>3</sup> | IS 5182 (Part XVII) | 1.80   | N.A.  |
| Remarks | : Result relates only to the sample tested.<br>: N.A. means Not Available. |                   |                     |        |       |

Reviewed By :

*Indrani Bhattacharyya*

(Indrani Bhattacharyya)  
(Dy. Technical Manager)

Authorised Signatory :

*Dr. Ajoy Paul*

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# **Annexure-20**



# ENVIROCHECK

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



FORMAT NO. ENV/FM/53

## TEST REPORT

- Name of Industry / Company / Factory / Office : Alpine Distilleries Pvt. Ltd.
- Address : Mouza - Meghsar & Nagarpara, Village & Post - Mahanad, P.S. - Polba, District - Hooghly, Pin - 712149
- Type of Industry : Grain Based Distillery
- Sampling Plan & Procedure : ENV/SOP/02
- Deviation from the Sampling Method & Plan : No
- Type of Sample : Noise Level Study
- Sample ID : ENV/02/Sep/N Report ID : ENV/02/Sep/(TR)N/25-26
- Method No. : IS 15575 (Part 2), 2022 Reporting Date : 15/09/2025
- Sample Monitored by : Mr. Subhas Mondal Time of Duration of Noise : 20 Minutes
- Height from Ground Level : 4 Feet.

### RESULT OF NOISE LEVEL STUDY

| Date       | Time (Hours)      | Day / Night | Location Name                | Min dB(A) | Max dB(A) | Leq dB(A) |
|------------|-------------------|-------------|------------------------------|-----------|-----------|-----------|
| 03/09/2025 | 11:00 - 11:20 A.M | Day         | Near Accounts Office         | 55.6      | 60.1      | 58.41     |
|            | 10:00 - 10:20 P.M | Night       | Near Accounts Office         | 40.3      | 46.9      | 44.75     |
|            | 11:30 - 11:50 A.M | Day         | Centre Point of the Plant    | 59.1      | 63.5      | 61.83     |
|            | 10:30 - 10:50 P.M | Night       | Centre Point of the Plant    | 50.2      | 54.8      | 53.08     |
|            | 1:00 - 1:20 P.M   | Day         | South East Side of the Plant | 58.8      | 62.4      | 60.96     |
|            | 11:00 - 11:20 P.M | Night       | South East Side of the Plant | 46.7      | 53.3      | 51.15     |
|            | 2:00 - 2:20 P.M   | Day         | South West Side of the Plant | 59.1      | 63.8      | 62.06     |
|            | 11:30 - 11:50 P.M | Night       | South West Side of the Plant | 43.3      | 50.8      | 48.50     |

> End of Report <

### LIMIT dB(A)

| A. Industrial Area      | B. Commercial Area      | C. Residential Area     | D. Silent Zone          |
|-------------------------|-------------------------|-------------------------|-------------------------|
| Day Time - 75.0 dB(A)   | Day Time - 65.0 dB(A)   | Day Time - 55.0 dB(A)   | Day Time - 50.0 dB(A)   |
| Night Time - 70.0 dB(A) | Night Time - 55.0 dB(A) | Night Time - 45.0 dB(A) | Night Time - 40.0 dB(A) |

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

| ** Mean of Leq - Equivalent to Sound Energy   | ** Central Pollution Control Board, Ministry of Environment & Forests Government of India & Department of Environment, Government of West Bengal |  |
|---|--|--|
|   | **Day Time is reckoned in between 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:

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# **Annexure-21**

## Rainwater Harvesting Pond:



# **Annexure-22**

Plastic Awareness Programme in the Plant premise



**Routine Medical Health Checkup**

Annexure 5

**2025**

| <b>Sr. No.</b> | <b>Employee Name</b> | <b>Date</b> | <b>Sex</b> | <b>Age</b> |
|----------------|----------------------|-------------|------------|------------|
| 1              | Vicky                | 27.3.25     | Male       | 35         |
| 2              | Manoj Kumar Singh    | 27.3.25     | Male       | 43         |
| 3              | Gobindo Ghosh        | 27.3.25     | Male       | 51         |
| 4              | Tuhin Kumar Saha     | 27.3.25     | Male       | 30         |
| 5              | Arun Gautam          | 27.3.25     | Male       | 38         |
| 6              | Manoj Maji           | 27.3.25     | Male       | 45         |
| 7              | Sanjib Sikdar        | 27.3.25     | Male       | 54         |
| 8              | Md Sarif             | 27.3.25     | Male       | 40         |
| 9              | Sukan Das            | 27.3.25     | Male       | 40         |
| 10             | Babai Chakroborty    | 24.6.25     | Male       | 28         |
| 11             | Ravi Kumar           | 24.6.25     | Male       | 37         |
| 12             | Gurchet Singh        | 24.6.25     | Male       | 30         |
| 13             | Biswajit Pal         | 24.6.25     | Male       | 38         |
| 14             | Nawal Ray            | 14.8.25     | Male       | 45         |
| 15             | Awdhesh Kumar        | 14.8.25     | Male       | 38         |
| 16             | Ashok Dhiman         | 14.8.25     | Male       | 44         |
| 17             | Ajay Chawla          | 14.8.25     | Male       | 31         |
| 18             | Manoj Kumar Singh    | 14.8.25     | Male       | 43         |
| 19             | Vijay Kumar          | 02.09.25    | Male       | 26         |
| 20             | Manoj Majhi          | 02.09.25    | Male       | 46         |
| 21             | Pawan Khushwaha      | 02.09.25    | Male       | 32         |
| 22             | Surojit Dutta        | 02.09.25    | Male       | 32         |
| 23             | Prince               | 02.09.25    | Male       | 25         |
| 24             | Pradipta Pal         | 02.09.25    | Male       | 27         |
| 25             | Ranjit Koley         | 02.09.25    | Male       | 26         |
| 26             | Devendar Singh       | 24.09.25    | Male       | 27         |
| 27             | Mohammad Adnan       | 13.10.25    | Male       | 35         |
| 28             | Suman chakarobarty   | 13.10.25    | Male       | 27         |
| 29             | Bibhas Biri          | 13.10.25    | Male       | 30         |
| 30             | Rishit               | 13.10.25    | Male       | 23         |
| 31             |                      |             |            |            |
| 32             |                      |             |            |            |



**DEPARTMENT OF HEALTH & FAMILY WELFARE  
GOVERNMENT OF WEST BENGAL  
OPD PATIENT CARD**

|                            |              |              |             |                                     |      |        |      |     |            |                 |  |
|----------------------------|--------------|--------------|-------------|-------------------------------------|------|--------|------|-----|------------|-----------------|--|
| Name                       | : Rishid     | Age          | : 23        | <input checked="" type="checkbox"/> | Yrs. | Months | Days | Day | : 13/10/25 |                 |  |
| Sex                        | : Male       | Ref. Form    |             |                                     |      |        |      |     |            | Reg. No. :      |  |
| Visit No. : 1              | Department : | Visit Date : |             |                                     |      |        |      |     |            | Reg. Date :     |  |
| Doctor / Unit Name (DOW) : |              |              | Card No. :  |                                     |      |        |      |     |            |                 |  |
| Room No. :                 |              |              | Entry No. : |                                     |      |        |      |     |            |                 |  |
|                            |              |              |             |                                     |      |        |      |     |            | Time : 12:45 pm |  |

|               |               |
|---------------|---------------|
| Visit Date :  | Visit No. : 2 |
| Department :  | Tm.           |
| Doctor/Unit : |               |
| Entry No. :   |               |

|               |               |
|---------------|---------------|
| Visit Date :  | Visit No. : 3 |
| Department :  | Tm.           |
| Doctor/Unit : |               |
| Entry No. :   |               |

|               |               |
|---------------|---------------|
| Visit Date :  | Visit No. : 4 |
| Department :  | Tm.           |
| Doctor/Unit : |               |
| Entry No. :   |               |

| Clinical Notes  | ADVICE                          |
|---|---------------------------------|
| <p>Chest - NAD<br/>Respiration - NAD<br/>S<sub>1</sub> &amp; S<sub>2</sub><br/>Auscultation<br/>Vision - 6/6<br/>Normal vision<br/>Not Color Blind<br/>Adv : Routine<br/>1. ECG 12 leads.<br/>2. Audiometry.<br/>3. Spymetry.<br/>4. Bl. for CBC.</p> | <p>Dr. [Signature]</p>          |
|   | <p>[Signature]<br/>13/10/25</p> |





**DEPARTMENT OF HEALTH & FAMILY WELFARE  
GOVERNMENT OF WEST BENGAL  
OPD PATIENT CARD**

Name : Mohammad Adnan Day : 13/10/25  
 Sex : Male Age : 33 Yrs. Months Days Reg. No. :  
 Ref. Form : Reg. Date :  
 Card No. :  
 Visit No. : 1 Department : Visit Date : Time : 12:40 pm  
 Doctor / Unit Name (DOW) :  
 Room No. : Entry No. :

Visit No. : 2  
 Visit Date : Tm.  
 Department :  
 Doctor/Unit :  
 Entry No. :

Visit No. : 3  
 Visit Date : Tm.  
 Department :  
 Doctor/Unit :  
 Entry No. :

Visit No. : 4  
 Visit Date : Tm.  
 Department :  
 Doctor/Unit :  
 Entry No. :

| Clinical Notes  | ADVICE   |
|---|--|
| <p>                     Cheest - NAD<br/>                     Secret - NAD<br/>                     Despiration - NAD<br/>                     S1 &amp; S2<br/>                     Audible<br/>                     Pulse - 79/min<br/>                     Vision - 6/6 vision<br/>                     uncorrected vision<br/>                     No Color Blind<br/>                     Ad. Routine<br/>                     1. Blood CBC<br/>                     2. Spymometry<br/>                     3. Audiometry<br/>                     4. ECG 12 leads                 </p> | <p align="center"> </p> <p align="right"> </p> |



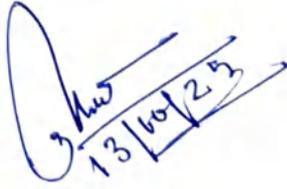
**DEPARTMENT OF HEALTH & FAMILY WELFARE  
GOVERNMENT OF WEST BENGAL  
OPD PATIENT CARD**

|                                 |                      |                       |                       |
|---------------------------------|----------------------|-----------------------|-----------------------|
| Name : <u>Suman Chakraborty</u> |                      | Day : <u>13/10/25</u> |                       |
| Sex :                           | Age : <u>27</u> Yrs. | Months                | Days                  |
| Ref. Form :                     | Reg. No. :           |                       | Reg. Date :           |
| Visit No. : 1                   |                      |                       | Card No. :            |
| Department :                    |                      | Visit Date :          | Time : <u>1.00 PM</u> |
| Doctor / Unit Name (DOW) :      |                      | Entry No. :           |                       |
| Room No. :                      |                      |                       |                       |

|                  |
|------------------|
| Visit No. : 2    |
| Visit Date : Tm. |
| Department :     |
| Doctor/Unit :    |
| Entry No. :      |

|                  |
|------------------|
| Visit No. : 3    |
| Visit Date : Tm. |
| Department :     |
| Doctor/Unit :    |
| Entry No. :      |

|                  |
|------------------|
| Visit No. : 4    |
| Visit Date : Tm. |
| Department :     |
| Doctor/Unit :    |
| Entry No. :      |

| Clinical Notes  | ADVICE  |
|---|---|
| <p><u>Absent NAD</u><br/> <u>Respiratory - NAD</u><br/> <u>S1 &amp; S2</u><br/> <u>Audible</u><br/> <u>vision : 6/6</u><br/> <u>Normal</u><br/> <u>No. Colon Blind</u><br/> <u>Adv. : Routine</u></p> <ol style="list-style-type: none"> <li>1. B/L for C.B.E</li> <li>2. Spirometry</li> <li>3. ECG 12 leads</li> <li>4. Audiometry</li> </ol> | <p align="center"><u>ADVICE</u></p> <p align="right"> <br/> <u>13/10/25</u> </p> |

# GOODDAYS DIAGNOSTIC CENTRE

Annexure 5

FARM SIDE ROAD, CHINSURAH, HOOGHLY

PHONE 9432424142

Patient: MURAD ADNAN

Ref'd By: M.O

Pred.Eqns: RECORDERS

Date : 13-Oct-2025 04:06 PM

Age : 33 Yrs

Height : 170 Cms

Weight : 72 Kgs

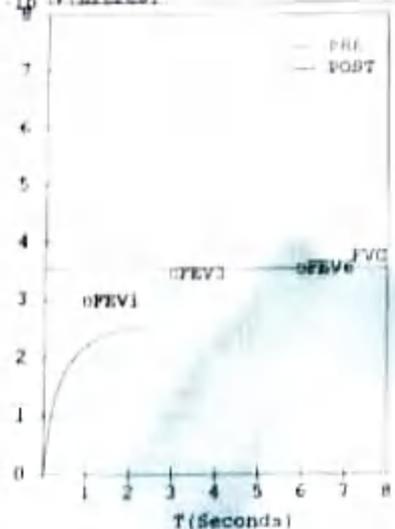
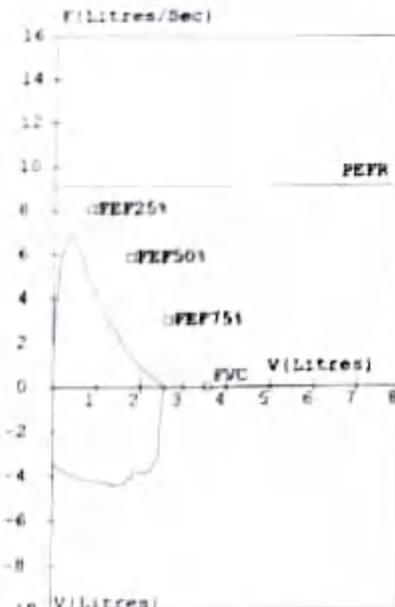
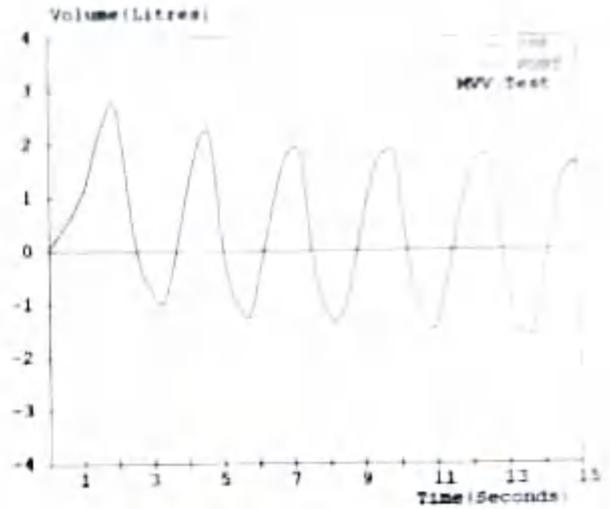
ID : 32

Gender : Male

Smoker : Yes

Eth. Corr: 100

Temp :



## Spirometry Results

| Parameter       | Pred  | M.Prn  | %Pred | M.Post | %Pred | %Imp |
|-----------------|-------|--------|-------|--------|-------|------|
| FVC (L)         | 03.55 | 02.57  | 072   | ---    | ---   | ---  |
| FEV1 (L)        | 02.90 | 02.23  | 075   | ---    | ---   | ---  |
| FEV1/FVC (%)    | 81.94 | 86.77  | 101   | ---    | ---   | ---  |
| FEF25-75 (L/s)  | 04.26 | 02.49  | 58    | ---    | ---   | ---  |
| PEFR (L/s)      | 09.10 | 06.83  | 075   | ---    | ---   | ---  |
| FIVC (L)        | ---   | 03.35  | ---   | ---    | ---   | ---  |
| FEV.5 (L)       | ---   | 01.80  | ---   | ---    | ---   | ---  |
| FEV3 (L)        | 03.44 | 02.57  | 075   | ---    | ---   | ---  |
| PIFR (L/s)      | ---   | 04.38  | ---   | ---    | ---   | ---  |
| FEF75-85 (L/s)  | ---   | 00.75  | ---   | ---    | ---   | ---  |
| FEF.2-1.2 (L/s) | 07.37 | 05.06  | 069   | ---    | ---   | ---  |
| FEF 25% (L/s)   | 08.02 | 05.93  | 074   | ---    | ---   | ---  |
| FEF 50% (L/s)   | 05.83 | 03.04  | 052   | ---    | ---   | ---  |
| FEF 75% (L/s)   | 03.01 | 01.95  | 035   | ---    | ---   | ---  |
| FEV.5/FVC (%)   | ---   | 70.04  | ---   | ---    | ---   | ---  |
| FEV3/FVC (%)    | 96.90 | 100.00 | 103   | ---    | ---   | ---  |
| FET (Sec)       | ---   | 02.43  | ---   | ---    | ---   | ---  |
| ExptTime (Sec)  | ---   | 00.06  | ---   | ---    | ---   | ---  |
| Lung Age (Yrs)  | 033   | 011    | 424   | ---    | ---   | ---  |
| FEV6 (L)        | 03.55 | ---    | ---   | ---    | ---   | ---  |
| FIF 25% (L/s)   | ---   | 04.16  | ---   | ---    | ---   | ---  |
| FIF 50% (L/s)   | ---   | 01.50  | ---   | ---    | ---   | ---  |
| FIF 75% (L/s)   | ---   | 00.60  | ---   | ---    | ---   | ---  |
| SVC (L)         | ---   | 03.95  | ---   | ---    | ---   | ---  |
| ERV (L)         | 01.46 | 01.39  | 095   | ---    | ---   | ---  |
| IRV (L)         | ---   | 00.90  | ---   | ---    | ---   | ---  |
| VE (L/min)      | ---   | 16.88  | ---   | ---    | ---   | ---  |
| Rf (l/min)      | ---   | 10.17  | ---   | ---    | ---   | ---  |
| Ti (sec)        | ---   | 02.50  | ---   | ---    | ---   | ---  |
| Te (sec)        | ---   | 02.40  | ---   | ---    | ---   | ---  |
| VT (L)          | ---   | 01.66  | ---   | ---    | ---   | ---  |
| VT/Ti           | ---   | 04.47  | ---   | ---    | ---   | ---  |
| Ti/Ttot         | ---   | 00.59  | ---   | ---    | ---   | ---  |
| IC (L)          | ---   | 02.59  | ---   | ---    | ---   | ---  |
| MVV (L/min)     | 139   | 079    | 055   | ---    | ---   | ---  |
| MPI (l/min)     | ---   | 00.1   | ---   | ---    | ---   | ---  |
| MVT (L)         | ---   | 01.48  | ---   | ---    | ---   | ---  |

Pre Medication Report Indicates  
 Early Small Airway Obstruction as FEF 25-75 %Pred or PEFR %Pred < 70  
 Mild Restriction as (FEV1/FVC)%Pred >95 and FVC%Pred <80

# GOODDAYS DIAGNOSTIC CENTRE

Annexure 5

FARM SIDE ROAD, CHINSURAH, HOOGHLY

PHONE 9432424142

Patient: SIBBAS GIRI

Age : 30 Yrs

Gender : Male

Refd. By: M.O

Height : 170 Cms

Smoker : Yes

Pred. Eqns: RECORDERS

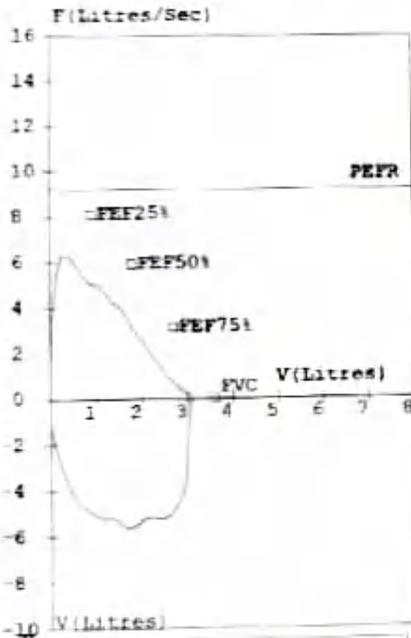
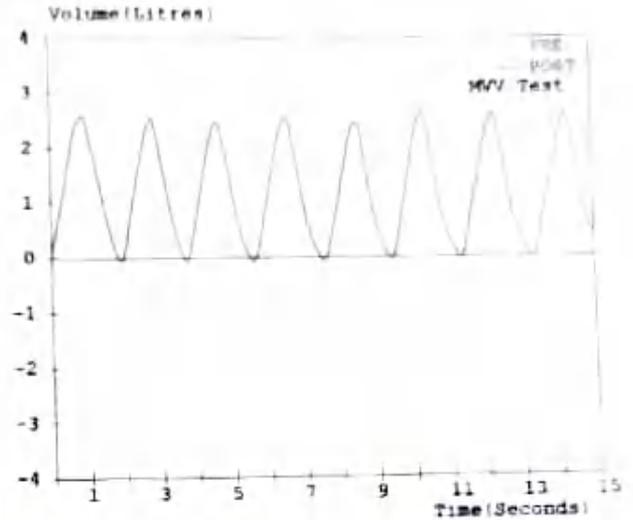
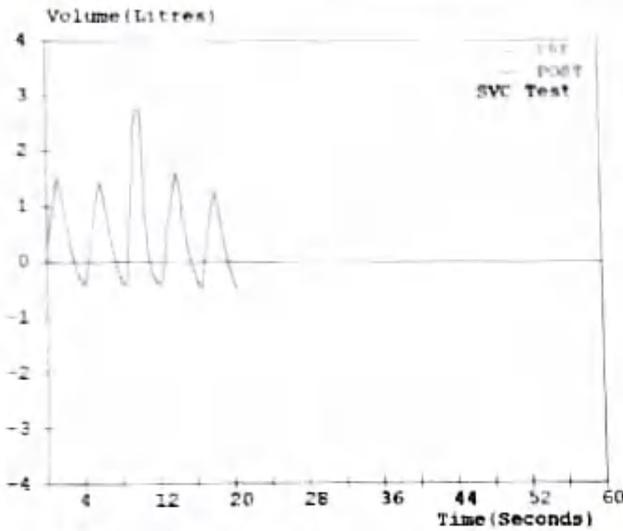
Weight : 68 Kgs

Eth. Corr: 100

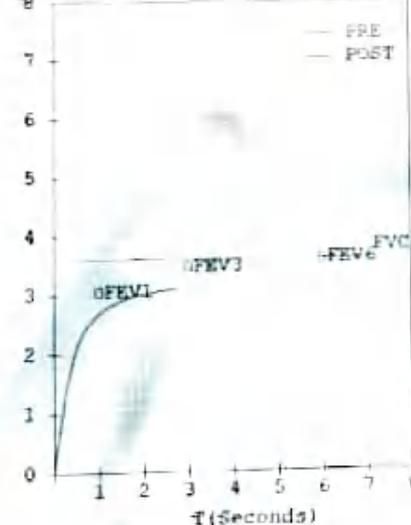
Date : 13-Oct-2025 03:42 PM

ID : 30

Temp :



| Parameter       | Pred  | M.Pre  | %Pred | M.Post | %Pred | %Imp |
|-----------------|-------|--------|-------|--------|-------|------|
| FVC (L)         | 03.59 | 03.11  | 087   | ---    | ---   | ---  |
| FEV1 (L)        | 03.04 | 02.72  | 089   | ---    | ---   | ---  |
| FEV1/FVC (%)    | 84.66 | 87.46  | 103   | ---    | ---   | ---  |
| FEF25-75 (L/s)  | 04.39 | 03.14  | 072   | ---    | ---   | ---  |
| PEFR (L/s)      | 09.20 | 06.29  | 068   | ---    | ---   | ---  |
| FIVC (L)        | ---   | 03.25  | ---   | ---    | ---   | ---  |
| FEV.5 (L)       | ---   | 02.12  | ---   | ---    | ---   | ---  |
| FEV3 (L)        | 03.48 | 03.11  | 089   | ---    | ---   | ---  |
| PIFR (L/s)      | ---   | 05.59  | ---   | ---    | ---   | ---  |
| FEF75-85 (L/s)  | ---   | 01.02  | ---   | ---    | ---   | ---  |
| FEF.2-1.2 (L/s) | 07.57 | 05.37  | 071   | ---    | ---   | ---  |
| FEF 25% (L/s)   | 08.08 | 05.18  | 064   | ---    | ---   | ---  |
| FEF 50% (L/s)   | 05.92 | 03.86  | 065   | ---    | ---   | ---  |
| FEF 75% (L/s)   | 03.13 | 01.46  | 047   | ---    | ---   | ---  |
| FEV.5/FVC (%)   | ---   | 68.17  | ---   | ---    | ---   | ---  |
| FEV3/FVC (%)    | 96.94 | 100.00 | 103   | ---    | ---   | ---  |
| FET (Sec)       | ---   | 02.81  | ---   | ---    | ---   | ---  |
| ExptTime (Sec)  | ---   | 00.05  | ---   | ---    | ---   | ---  |
| Lung Age (Yrs)  | 030   | 033    | 110   | ---    | ---   | ---  |
| FEV6 (L)        | 03.59 | ---    | ---   | ---    | ---   | ---  |
| PIF 25% (L/s)   | ---   | 05.24  | ---   | ---    | ---   | ---  |
| PIF 50% (L/s)   | ---   | 05.16  | ---   | ---    | ---   | ---  |
| PIF 75% (L/s)   | ---   | 04.35  | ---   | ---    | ---   | ---  |
| SVC (L)         | ---   | 03.24  | ---   | ---    | ---   | ---  |
| ERV (L)         | 01.50 | 00.04  | 003   | ---    | ---   | ---  |
| IRV (L)         | ---   | 01.36  | ---   | ---    | ---   | ---  |
| VE (L/min)      | ---   | 25.81  | ---   | ---    | ---   | ---  |
| Rf (l/min)      | ---   | 13.95  | ---   | ---    | ---   | ---  |
| Ti (sec)        | ---   | 01.60  | ---   | ---    | ---   | ---  |
| Te (sec)        | ---   | 02.30  | ---   | ---    | ---   | ---  |
| VT (L)          | ---   | 01.85  | ---   | ---    | ---   | ---  |
| VT/Ti           | ---   | 01.16  | ---   | ---    | ---   | ---  |
| Ti/Ttot         | ---   | 00.37  | ---   | ---    | ---   | ---  |
| IC (L)          | ---   | 01.21  | ---   | ---    | ---   | ---  |
| MVV (L/min)     | 141   | 083    | 059   | ---    | ---   | ---  |
| MPI (l/min)     | ---   | 32.05  | ---   | ---    | ---   | ---  |
| MVT (L)         | ---   | 02.58  | ---   | ---    | ---   | ---  |



Pra Medication Report Indicates

Early Small Airway Obstruction as FEF 25-75 %Pred or PEFR %Pred < 75  
Spirometry within normal limits as (FEV1/FVC)%Pred >95 and FVC%Pred >80

# GOODDAYS DIAGNOSTIC CENTRE

FARM SIDE ROAD, CHINSURAH, HOOGHLY

Annexure 5

PHONE 9432424142

Patient: SUMAN CHAKRABORTY

Refd. By: M.O

Pred. Eqns: RECORDERS

Date : 13-Oct-2025 03:55 PM

Age : 27 Yrs

Height : 167 Cms

Weight : 90 Kgs

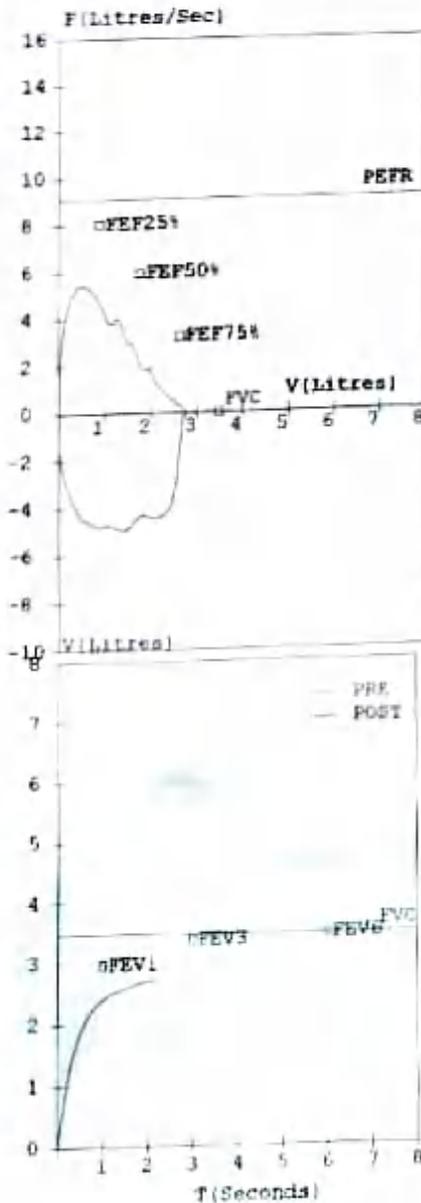
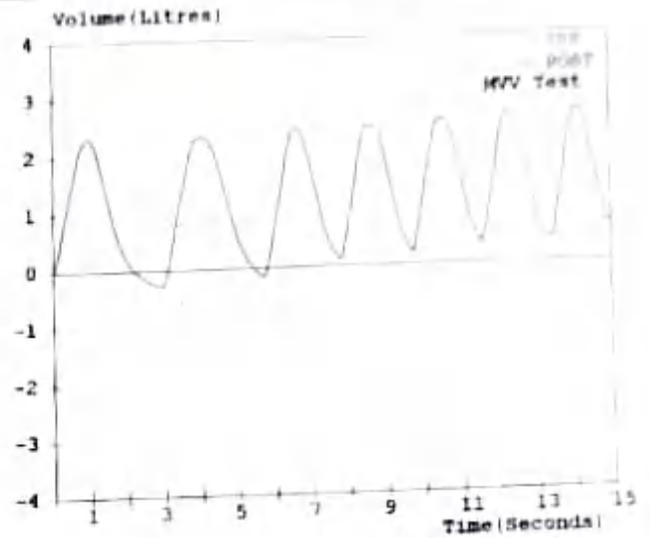
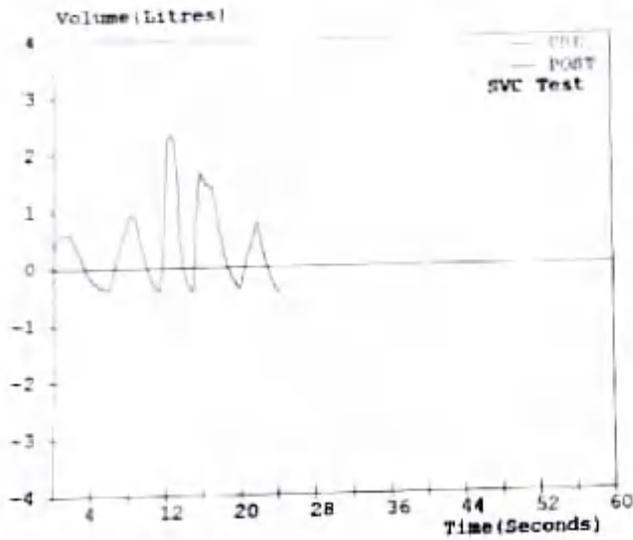
ID : 31

Gender : Male

Smoker : Yes

Eth. Corr: 100

Temp :



| Spirometry Results |         |       |        |       |        |       |      |
|--------------------|---------|-------|--------|-------|--------|-------|------|
| Parameter          |         | Pred  | M.Pre  | %Pred | M.Post | %Pred | %Imp |
| FVC                | (L)     | 03.48 | 02.74  | 079   | ---    | ---   | ---  |
| FEV1               | (L)     | 02.98 | 02.42  | 081   | ---    | ---   | ---  |
| FEV1/FVC           | (%)     | 85.63 | 88.32  | 103   | ---    | ---   | ---  |
| PEF25-75           | (L/s)   | 04.47 | 02.91  | 065   | ---    | ---   | ---  |
| PEFR               | (L/s)   | 09.09 | 05.40  | 059   | ---    | ---   | ---  |
| FIVC               | (L)     | ---   | 02.85  | ---   | ---    | ---   | ---  |
| FEV.5              | (L)     | ---   | 01.89  | ---   | ---    | ---   | ---  |
| FEV3               | (L)     | 03.38 | 02.74  | 081   | ---    | ---   | ---  |
| PIFR               | (L/s)   | ---   | 04.90  | ---   | ---    | ---   | ---  |
| FEF75-85           | (L/s)   | ---   | 01.02  | ---   | ---    | ---   | ---  |
| FEF.2-1.2          | (L/s)   | 07.62 | 04.65  | 061   | ---    | ---   | ---  |
| FEF 25%            | (L/s)   | 08.04 | 05.17  | 064   | ---    | ---   | ---  |
| FEF 50%            | (L/s)   | 05.93 | 03.63  | 061   | ---    | ---   | ---  |
| FEF 75%            | (L/s)   | 03.21 | 01.37  | 043   | ---    | ---   | ---  |
| FEV.5/FVC          | (%)     | ---   | 68.96  | ---   | ---    | ---   | ---  |
| FEV3/FVC           | (%)     | 97.13 | 100.00 | 103   | ---    | ---   | ---  |
| PET                | (Sec)   | ---   | 02.17  | ---   | ---    | ---   | ---  |
| ExptTime           | (Sec)   | ---   | 00.09  | ---   | ---    | ---   | ---  |
| Lung Age           | (Yrs)   | 027   | 032    | 119   | ---    | ---   | ---  |
| FEV6               | (L)     | 03.48 | ---    | ---   | ---    | ---   | ---  |
| FIF 25%            | (L/s)   | ---   | 04.35  | ---   | ---    | ---   | ---  |
| FIF 50%            | (L/s)   | ---   | 04.80  | ---   | ---    | ---   | ---  |
| FIF 75%            | (L/s)   | ---   | 04.43  | ---   | ---    | ---   | ---  |
| SVC                | (L)     | ---   | 02.77  | ---   | ---    | ---   | ---  |
| ERV                | (L)     | 01.51 | 00.02  | 001   | ---    | ---   | ---  |
| IRV                | (L)     | ---   | 01.42  | ---   | ---    | ---   | ---  |
| VE                 | (L/min) | ---   | 14.51  | ---   | ---    | ---   | ---  |
| Rf                 | (l/min) | ---   | 10.91  | ---   | ---    | ---   | ---  |
| Ti                 | (sec)   | ---   | 02.70  | ---   | ---    | ---   | ---  |
| Te                 | (sec)   | ---   | 02.80  | ---   | ---    | ---   | ---  |
| VT                 | (L)     | ---   | 01.33  | ---   | ---    | ---   | ---  |
| VI/Ti              | ---     | ---   | 00.49  | ---   | ---    | ---   | ---  |
| Ti/Ttot            | ---     | ---   | 00.49  | ---   | ---    | ---   | ---  |
| IC                 | (L)     | ---   | 02.75  | ---   | ---    | ---   | ---  |
| MVV                | (L/min) | 140   | 067    | 048   | ---    | ---   | ---  |
| MRF                | (l/min) | ---   | 28.05  | ---   | ---    | ---   | ---  |
| MVT                | (L)     | ---   | 02.39  | ---   | ---    | ---   | ---  |

Pre Medication Report Indicates  
 Early Small Airway Obstruction as FEF 25-75 %Pred or PEFR %Pred < 70  
 Mild Restriction as (FEV1/FVC)%Pred > 95 and FVC%Pred < 80

# GOODDAYS DIAGNOSTIC CENTRE

FARM SIDE ROAD, CHINSURAH, HOOGHLY

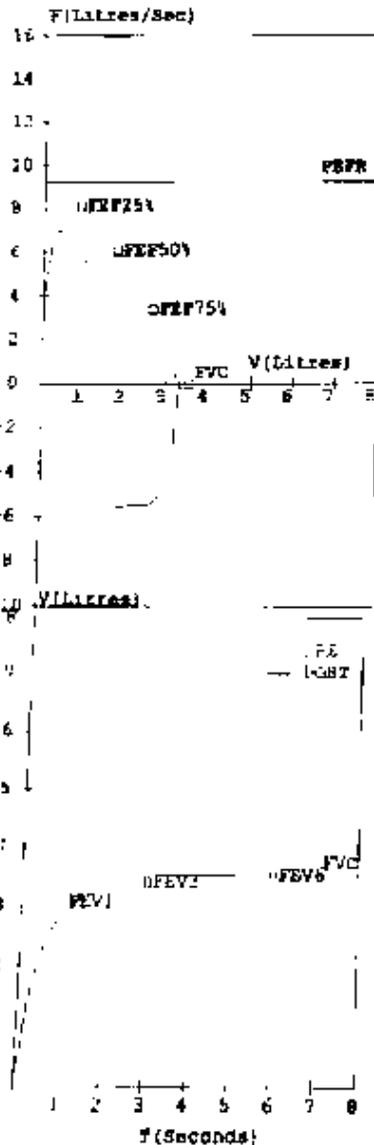
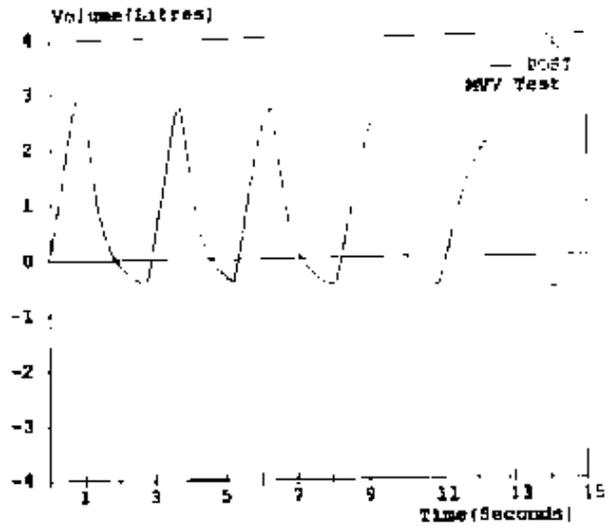
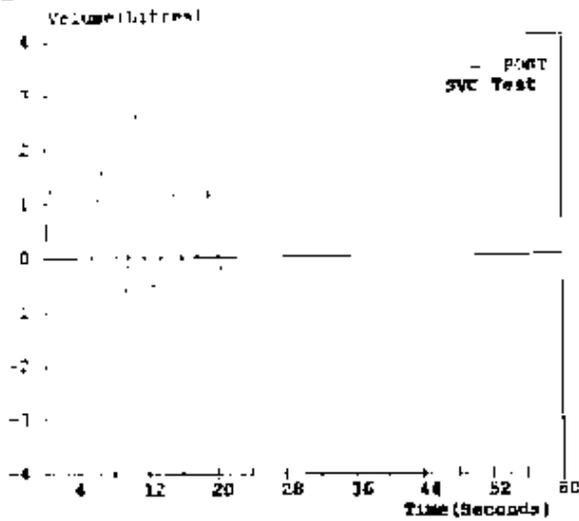
Annexure 5

PHONE 9432424147  
Patient: RISHIT

Refd. By: M.O  
Pred. Sgns: RECORDERS  
Date : 13-Oct-2025 04:12 PM

Age : 23 Yrs  
Height : 167 Cms  
Weight : 69 Kgs  
ID : 33

Gender : Male  
Smoker : No  
Eth. Corr: 100  
Temp :



| Spirometry Results |         |       |       |       |        |       |
|--------------------|---------|-------|-------|-------|--------|-------|
| Parameter          | Unit    | Spred | M.Pre | %Pred | N.Post | %Pred |
| FVC                | (L)     | 03.54 | 05.47 | 094   | ---    | ---   |
| FEV1               | (L)     | 03.07 | 02.49 | 094   | ---    | ---   |
| FEV1/FVC           | (%)     | 06.72 | 04.55 | 109   | ---    | ---   |
| FEF25-75           | (L/s)   | 04.65 | 03.16 | 068   | ---    | ---   |
| PEFR               | (L/s)   | 09.23 | 07.03 | 078   | ---    | ---   |
| EFVC               | (L)     | ---   | 03.19 | ---   | ---    | ---   |
| FEV1.5             | (L)     | ---   | 02.22 | ---   | ---    | ---   |
| FEV3               | (L)     | 03.43 | 03.32 | 107   | ---    | ---   |
| DEFM               | (l/s)   | ---   | 05.51 | ---   | ---    | ---   |
| FEF75-95           | (L/s)   | ---   | 01.17 | ---   | ---    | ---   |
| FEF.2-1.2          | (L/s)   | 07.89 | 06.07 | 077   | ---    | ---   |
| FEF 25%            | (L/s)   | 08.12 | 06.12 | 075   | ---    | ---   |
| FEF 50%            | (L/s)   | 08.05 | 03.56 | 059   | ---    | ---   |
| FEF 75%            | (L/s)   | 03.38 | 01.56 | 047   | ---    | ---   |
| FEV1.5/FVC         | (%)     | ---   | 06.87 | ---   | ---    | ---   |
| FEV3/FVC           | (%)     | 96.89 | 10.00 | 103   | ---    | ---   |
| FEF                | (Sec)   | ---   | 02.75 | ---   | ---    | ---   |
| ExpTime            | (Sec)   | ---   | 08.06 | ---   | ---    | ---   |
| Lung Age           | (Yrs)   | 023   | 024   | 104   | ---    | ---   |
| FEV6               | (L)     | 03.54 | ---   | ---   | ---    | ---   |
| FEF 25%            | (L/s)   | ---   | 01.51 | ---   | ---    | ---   |
| FEF 50%            | (L/s)   | ---   | 04.51 | ---   | ---    | ---   |
| FEF 75%            | (L/s)   | ---   | 04.84 | ---   | ---    | ---   |
| SVC                | (L)     | ---   | 03.37 | ---   | ---    | ---   |
| ERV                | (L)     | 01.56 | 00.00 | 004   | ---    | ---   |
| IRV                | (L)     | ---   | 01.06 | ---   | ---    | ---   |
| VE                 | (L/min) | ---   | 08.28 | ---   | ---    | ---   |
| IR                 | (L/min) | ---   | 12.04 | ---   | ---    | ---   |
| Ti                 | (sec)   | ---   | 02.11 | ---   | ---    | ---   |
| Te                 | (sec)   | ---   | 02.50 | ---   | ---    | ---   |
| Vt                 | (L)     | ---   | 00.91 | ---   | ---    | ---   |
| Vt/Ti              | (L)     | ---   | 01.14 | ---   | ---    | ---   |
| Ti/Ttot            | (L)     | ---   | 00.41 | ---   | ---    | ---   |
| IC                 | (L)     | ---   | 00.37 | ---   | ---    | ---   |
| MVV                | (L/min) | 143   | 000   | 041   | ---    | ---   |
| MRF                | (l/min) | ---   | 00.04 | ---   | ---    | ---   |
| MVT                | (L)     | ---   | 00.01 | ---   | ---    | ---   |

Pre Medication Report Indicates  
Early Small Airway Obstruction as FEF 25-75 %Pred or PEF %Pred < 70  
Spirometry within normal limits as (FEV1/FVC)%Pred >95 and FVC%Pred >80

40074  
02/09/25



**DEPARTMENT OF HEALTH & FAMILY WELFARE  
GOVERNMENT OF WEST BENGAL  
OPD PATIENT CARD**

Name : **Surjit Dutta** Day : **46096**  
 Sex : \_\_\_\_\_ Age : \_\_\_\_\_ Yrs. \_\_\_\_\_ Months \_\_\_\_\_ Days \_\_\_\_\_ Reg. No. : **46096**  
 Ref. Form : **M. 32** Reg. Date : **02/09/25**  
 Card No. : \_\_\_\_\_  
 Visit No. : 1 Department : \_\_\_\_\_ Visit Date : \_\_\_\_\_ Time : \_\_\_\_\_  
 Doctor / Unit Name (DOW) : \_\_\_\_\_ Entry No. : \_\_\_\_\_  
 Room No. : \_\_\_\_\_

Visit No. : 2  
 Visit Date : \_\_\_\_\_ Tm. : \_\_\_\_\_  
 Department : \_\_\_\_\_  
 Doctor/Unit : \_\_\_\_\_  
 Entry No. : \_\_\_\_\_

Visit No. : 3  
 Visit Date : \_\_\_\_\_ Tm. : \_\_\_\_\_  
 Department : \_\_\_\_\_  
 Doctor/Unit : \_\_\_\_\_  
 Entry No. : \_\_\_\_\_

Visit No. : 4  
 Visit Date : \_\_\_\_\_ Tm. : \_\_\_\_\_  
 Department : \_\_\_\_\_  
 Doctor/Unit : \_\_\_\_\_  
 Entry No. : \_\_\_\_\_

| Clinical Notes  | ADVICE                             |
|---|------------------------------------|
| <p><del>Diagnosis</del> ⊕<br/>           BP - 131/82<br/>           CBA - 196</p> | <p><u>NO medicine required</u></p> |



40073



DEPARTMENT OF HEALTH & FAMILY WELFARE  
GOVERNMENT OF WEST BENGAL  
OPD PATIENT CARD

Name : Palani Krishnan Day : \_\_\_\_\_  
 Sex : M Age : 32 Yrs. Months \_\_\_\_\_ Days \_\_\_\_\_ Reg. No. 46097  
 Ref. Form : \_\_\_\_\_ Reg. Date : 2/9  
 Card No. : \_\_\_\_\_  
 Visit No. : 1 Department : \_\_\_\_\_ Visit Date : \_\_\_\_\_ Time : \_\_\_\_\_  
 Doctor / Unit Name (DOW) : \_\_\_\_\_  
 Room No. : \_\_\_\_\_ Entry No. : \_\_\_\_\_

Visit No. : 2  
 Visit Date : \_\_\_\_\_ Tm. \_\_\_\_\_  
 Department : \_\_\_\_\_  
 Doctor/Unit : \_\_\_\_\_  
 Entry No. : \_\_\_\_\_

Visit No. : 3  
 Visit Date : \_\_\_\_\_ Tm. \_\_\_\_\_  
 Department : \_\_\_\_\_  
 Doctor/Unit : \_\_\_\_\_  
 Entry No. : \_\_\_\_\_

Visit No. : 4  
 Visit Date : \_\_\_\_\_ Tm. \_\_\_\_\_  
 Department : \_\_\_\_\_  
 Doctor/Unit : \_\_\_\_\_  
 Entry No. : \_\_\_\_\_

| Clinical Notes                                   | ADVICE   |
|--|--|
| <p><u>Normal (+)</u><br/> <u>BP - 114/72</u></p> | <p><u>no medicine required</u></p>  |



GOVERNMENT OF WEST BENGAL  
DEPARTMENT OF HEALTH & FAMILY WELFARE  
Polba-Dadpur BPHC

OPD Patient Card  
GENERAL 78



POLB/RG2500040081



|   |  |                               |
|---|--|-------------------------------|
| <b>Name :</b> MONOJ MAJHI   | <b>Age :</b> 46 Yrs. 0 Months 0 Days   | <b>Gender :</b> Male          |
| <b>Reg. No. :</b> POLB/RG2500040081   | <b>Card No. :</b> POLB/OR2500040080    | <b>Reg. Date :</b> 02-09-2025 |
| <b>Visit No. :</b> 1  | <b>Visit Date :</b> 02-09-2025 12:42PM | <b>Day :</b> Tuesday          |
| <b>Token No. :</b> 78   | <b>Department :</b> GENERAL            | <b>Room No. :</b> 0           |
| <b>Doctor :</b> DR SAYANTAN NAG/ DR BARUN GUHA/ DR SAYAN GHOSH/ DR DIPANWITA MASCHATAK/ DR ABHIJIT CHAKRABORTY/ DR SUBHASIS DAS |  | <b>Health Id Number :</b>     |
| <b>Health Id :</b>  |  |                               |

|  |  |  |
|--|--|--|
| Visit No : 2<br>Visit Date : Tm.<br>Department :<br>Doctor :<br>Token No : | Visit No : 3<br>Visit Date : Tm.<br>Department :<br>Doctor :<br>Token No : | Visit No : 4<br>Visit Date : Tm.<br>Department :<br>Doctor :<br>Token No : |
|--|--|--|

| Clinical Notes   | Advice  |
|--|---|
| <p>Route home<br/>check up<br/>BP — 123/78<br/>Ela</p> | <p>No medicine required</p> <p><i>[Signature]</i></p> |

40073  
02/09/25



DEPARTMENT OF HEALTH & FAMILY WELFARE  
GOVERNMENT OF WEST BENGAL  
OPD PATIENT CARD

Name : Vijay Kumar Day : \_\_\_\_\_  
 Sex : \_\_\_\_\_ Age : \_\_\_\_\_ Yrs. \_\_\_\_\_ Months \_\_\_\_\_ Days \_\_\_\_\_ Reg. No. : 46095  
 Ref. Form : \_\_\_\_\_ M. 28 Reg. Date : 02/09/25  
 Card No. : \_\_\_\_\_  
 Time : \_\_\_\_\_  
 Visit No. : 1 Department : \_\_\_\_\_ Visit Date : \_\_\_\_\_  
 Doctor / Unit Name (DOW) : \_\_\_\_\_  
 Room No. : \_\_\_\_\_ Entry No. : \_\_\_\_\_

Visit No. : 2  
 Visit Date : \_\_\_\_\_ Tm. \_\_\_\_\_  
 Department : \_\_\_\_\_  
 Doctor/Unit : \_\_\_\_\_  
 Entry No. : \_\_\_\_\_

Visit No. : 3  
 Visit Date : \_\_\_\_\_ Tm. \_\_\_\_\_  
 Department : \_\_\_\_\_  
 Doctor/Unit : \_\_\_\_\_  
 Entry No. : \_\_\_\_\_

Visit No. : 4  
 Visit Date : \_\_\_\_\_ Tm. \_\_\_\_\_  
 Department : \_\_\_\_\_  
 Doctor/Unit : \_\_\_\_\_  
 Entry No. : \_\_\_\_\_

| Clinical Notes  | ADVICE   |
|---|--|
| <p><u>↳ sleep</u></p> <p><u>Ca</u> <u>unhealthy</u><br/> <u>slup</u><br/> <u>Shift job</u><br/> <u>duration 26h/d</u></p> | <p><u>↳</u><br/> <u>Refs to mental health OPD</u></p> <p><u>Adv</u><br/> <u>Maintain sleep hygiene</u></p> <p><u>219</u></p> |



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**GOVERNMENT OF WEST BENGAL**  
**DEPARTMENT OF HEALTH & FAMILY WELFARE**  
**Polba-Dadpur BPHC**

OPD Patient Card  
 GENERAL 80



|   |  |                               |
|---|--|-------------------------------|
| <b>Name :</b> PRINCE  | <b>Age :</b> 25 Yrs. 0 Months 0 Days   | <b>Gender :</b> Male          |
| <b>Reg. No. :</b> POLB/RG2500040083   | <b>Card No. :</b> POLB/OR2500040082    | <b>Reg. Date :</b> 02-09-2025 |
| <b>Visit No. :</b> 1  | <b>Visit Date :</b> 02-09-2025 12:44PM | <b>Day :</b> Tuesday          |
| <b>Token No. :</b> 80   | <b>Department :</b> GENERAL            | <b>Room No. :</b> 0           |
| <b>Doctor :</b> DR SAYANTAN NAG/ DR BARUN GUHA/ DR SAYAN GHOSH/ DR DIPANWITA MASCHATAK/ DR ABHIJIT CHAKRABORTY/ DR SUBHASIS DAS |  |                               |
| <b>Health Id :</b>  |  | <b>Health Id Number :</b>     |

|                         |                         |                         |
|-------------------------|-------------------------|-------------------------|
| <b>Visit No. :</b> 2    | <b>Visit No. :</b> 3    | <b>Visit No. :</b> 4    |
| <b>Visit Date :</b> Tm. | <b>Visit Date :</b> Tm. | <b>Visit Date :</b> Tm. |
| <b>Department :</b>     | <b>Department :</b>     | <b>Department :</b>     |
| <b>Doctor :</b>         | <b>Doctor :</b>         | <b>Doctor :</b>         |
| <b>Token No. :</b>      | <b>Token No. :</b>      | <b>Token No. :</b>      |

| Clinical Notes   | Advice   |
|--|--|
| <p>General health<br/>         checkup</p> <p>BP 140/79</p> <p>CBU - Glucometer<br/>         strip NA</p> <p>P-1724m</p> | <p><u>Adv</u></p> <p>→ Blood for Hb, PPBS</p> <p>→ Review health reports</p> |



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**GOVERNMENT OF WEST BENGAL**  
**DEPARTMENT OF HEALTH & FAMILY WELFARE**  
**Polba-Dadpur BPHC**

OPD Patient Card  
 GENERAL 81



POLB/RG2500040084



|   |  |                               |
|---|--|-------------------------------|
| <b>Name :</b> PRADIPTA PAL  | <b>Age :</b> 27 Yrs. 0 Months 0 Days   | <b>Gender :</b> Male          |
| <b>Reg. No. :</b> POLB/RG2500040084   | <b>Card No. :</b> POLB/OR2500040083    | <b>Reg. Date :</b> 02-09-2025 |
| <b>Visit No. :</b> 1  | <b>Visit Date :</b> 02-09-2025 12:45PM | <b>Day :</b> Tuesday          |
| <b>Token No. :</b> 81   | <b>Department :</b> GENERAL            | <b>Room No. :</b> 0           |
| <b>Doctor :</b> DR SAYANTAN NAG/ DR BARUN GUHA/ DR SAYAN GHOSH/ DR DIPANWITA MASCHATAK/ DR ABHIJIT CHAKRABORTY/ DR SUBHASIS DAS |  |                               |
| <b>Health Id :</b>  | <b>Health Id Number :</b>              |                               |

|                         |                         |                         |
|-------------------------|-------------------------|-------------------------|
| <b>Visit No :</b> 2     | <b>Visit No :</b> 3     | <b>Visit No :</b> 4     |
| <b>Visit Date :</b> Tm. | <b>Visit Date :</b> Tm. | <b>Visit Date :</b> Tm. |
| <b>Department :</b>     | <b>Department :</b>     | <b>Department :</b>     |
| <b>Doctor :</b>         | <b>Doctor :</b>         | <b>Doctor :</b>         |
| <b>Token No :</b>       | <b>Token No :</b>       | <b>Token No :</b>       |

| Clinical Notes  | Advice   |
|---|--|
| <p>for General Checkup.</p> <p>BP! - 135/82</p> <p>Cbg! - Glucometer<br/>strip NA</p> <p>P-76/m</p> | <p><u>Adv</u></p> <p>- Blood for FBS, PPBS</p> <p><i>[Signature]</i></p> |



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**GOVERNMENT OF WEST BENGAL**  
**DEPARTMENT OF HEALTH & FAMILY WELFARE**  
**Polba-Dadpur BPHC**

OPD Patient Card  
 GENERAL 83



POLB/RG2500040086



Name : RANAJIT KOLEY

Age : 26 Yrs. 0 Months 0 Days

Gender : Male

Reg. No. : POLB/RG2500040086

Card No. : POLB/OR2500040085

Reg. Date : 02-09-2025

Visit No. : 1

Visit Date : 02-09-2025 12:46PM

Day : Tuesday

Token No. : 83

Department : GENERAL

Room No. : 0

Doctor : DR SAYANTAN NAG/ DR BARUN GUHA/ DR SAYAN GHOSH/ DR DIPANWITA MASCHATAK/ DR ABHIJIT CHAKRABORTY/ DR SUBHASIS DAS

Health Id :

Health Id Number :

Visit No : 2

Tm.

Visit Date :

Department :

Doctor :

Token No :

Visit No : 3

Tm.

Visit Date :

Department :

Doctor :

Token No :

Visit No : 4

Tm.

Visit Date :

Department :

Doctor :

Token No :

Clinical Notes

Advice

for check up -  
 BP:- 111/65  
 Csg:- Glucometer strip  
 not available.  
 1-1 76/100

Adv  
 -> Blood for FBS, PPAS.  
 -> Review 60s.



MP-320



# DEPARTMENT OF HEALTH & FAMILY WELFARE GOVERNMENT OF WEST BENGAL OPD PATIENT CARD

Name : Nawal Ray  
 Sex : M Age : 45 Yrs. Months Days  
 Ref. Form :  
 Day :  
 Reg. No. : 42030  
 Reg. Date : 14/8/25  
 Card No. :  
 Time :  
 Visit No. : 1 Department :  
 Visit Date :  
 Doctor / Unit Name (DOW) :  
 Room No. :  
 Entry No. :

Visit No. : 2  
 Visit Date :  
 Department :  
 Doctor/Unit :  
 Entry No. :  
 Tm.

Visit No. : 3  
 Visit Date :  
 Department :  
 Doctor/Unit :  
 Entry No. :  
 Tm.

Visit No. : 4  
 Visit Date :  
 Department :  
 Doctor/Unit :  
 Entry No. :  
 Tm.

| Clinical Notes  | ADVICE   |
|---|--|
| <p>Cough &amp; cold (A) ✓<br/>           fever -<br/>           ant off for<br/>           1 week.<br/>           Body aches (A)<br/>           no dehydration<br/>           BP - 118/78<br/>           CRP - 146 mg/dl.</p> | <p>BP ✓<br/>           Blood for CRP (MP) Dengue IgM,<br/>           Widal test.<br/>           plenty of water.<br/>           - T. Pen (500) BS<br/>           - Cef Doxy (100) 1sp BID x 5 day.<br/>           - T. Paracetamol as 45 x 5 day,<br/>           - Jm. Ambroxol - 1cm x 3 BID x 5 day<br/>           - ORS - (2) 2sp</p> |

Handwritten signature



**DEPARTMENT OF HEALTH & FAMILY WELFARE  
GOVERNMENT OF WEST BENGAL  
OPD PATIENT CARD**

Name : Abhishek Abhishek Ver. Day : 13/8/25  
 Sex : M Age : 38 Yrs. Months Days Reg. No. : 17624  
 Ref. Form : \_\_\_\_\_ Reg. Date : \_\_\_\_\_  
 Card No. : \_\_\_\_\_  
 Visit No. : 1 Department : ER Visit Date : \_\_\_\_\_ Time : \_\_\_\_\_  
 Doctor / Unit Name (DOW) : \_\_\_\_\_  
 Room No. : \_\_\_\_\_ Entry No. : \_\_\_\_\_

Visit No. : 2  
 Visit Date : \_\_\_\_\_ Tm. : \_\_\_\_\_  
 Department : \_\_\_\_\_  
 Doctor/Unit : \_\_\_\_\_  
 Entry No. : 41935  
14/8/25

Visit No. : 3  
 Visit Date : \_\_\_\_\_ Tm. : \_\_\_\_\_  
 Department : \_\_\_\_\_  
 Doctor/Unit : \_\_\_\_\_  
 Entry No. : \_\_\_\_\_

Visit No. : 4  
 Visit Date : \_\_\_\_\_ Tm. : \_\_\_\_\_  
 Department : \_\_\_\_\_  
 Doctor/Unit : \_\_\_\_\_  
 Entry No. : \_\_\_\_\_

| Clinical Notes   | ADVICE   |
|--|--|
| <p><u>Ch. - Electric Shock injury</u><br/> <u>mid arm (R)</u><br/> <u>palm</u></p> <p><u>u/c</u></p> | <p><u>ASD</u><br/> <u>1. S.T.T. (0.5mm) - (on sup.)</u><br/> <u>2. A.P.P. (50) - BOPC</u><br/> <u>3. T.P.P. (600) - BOPC / 2500</u><br/> <u>4. T. BC - BOPC 10 days</u><br/> <u>5. Silverside Ionic ointment - apply RO</u><br/> <u>6. Hospitalisation ASD</u></p> <p><u>Ankur</u><br/> <u>14/8/25</u></p> <p align="right"><u>[Signature]</u></p> |

*Health Check up*



**DEPARTMENT OF HEALTH & FAMILY WELFARE  
GOVERNMENT OF WEST BENGAL  
OPD PATIENT CARD**

Name : *Ashok Dhanan* Day :  
 Sex : *M* Age : *44* Yrs. Months Days Reg. No. : *42078*  
 Ref. Form : Reg. Date : *14/8/25*  
 Card No. :  
 Visit No. : 1 Department : Visit Date : Time :  
 Doctor / Unit Name (DOW) :  
 Room No. : Entry No. :

Visit No. : 2  
 Visit Date : Tm.  
 Department :  
 Doctor/Unit :  
 Entry No. :

Visit No. : 3  
 Visit Date : Tm.  
 Department :  
 Doctor/Unit :  
 Entry No. :

Visit No. : 4  
 Visit Date : Tm.  
 Department :  
 Doctor/Unit :  
 Entry No. :

| Clinical Notes   | ADVICE  |
|--|---|
| <p><i>Do constant abdominal pain (+)</i></p> <p><i>RP - 122 / 74</i></p> <p><i>CBG - 150</i></p> | <p><i>Flow for EBC, LFT, UACX.</i></p> <p><i>OSA of whole abdomen.</i></p> <p><i>T. Am (20) - BOPC x 500</i></p> <p><i>T. Dampensone (10) - BOPC x 500</i></p> <p><i>T. Dantrolene (20) - BOPC x 500</i></p> <p style="text-align: right;"><i>2</i></p> |



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**DEPARTMENT OF HEALTH & FAMILY WELFARE  
GOVERNMENT OF WEST BENGAL  
OPD PATIENT CARD**

|                            |              |          |              |        |       |                     |
|----------------------------|--------------|----------|--------------|--------|-------|---------------------|
| Name :                     | Ajay Chawla  |          |              |        | Day : |                     |
| Sex :                      | M            | Age : 31 | Yrs.         | Months | Days  | Reg. No. : 42029    |
| Ref. Form :                |              |          |              |        |       | Reg. Date : 14/8/25 |
| Visit No. : 1              | Department : |          | Visit Date : |        |       | Card No. :          |
| Doctor / Unit Name (DOW) : |              |          |              |        |       | Time :              |
| Room No. :                 |              |          | Entry No. :  |        |       |                     |

|               |               |
|---------------|---------------|
| Visit Date :  | Visit No. : 2 |
| Department :  | Tm.           |
| Doctor/Unit : |               |
| Entry No. :   |               |

|               |               |
|---------------|---------------|
| Visit Date :  | Visit No. : 3 |
| Department :  | Tm.           |
| Doctor/Unit : |               |
| Entry No. :   |               |

|               |               |
|---------------|---------------|
| Visit Date :  | Visit No. : 4 |
| Department :  | Tm.           |
| Doctor/Unit : |               |
| Entry No. :   |               |

| Clinical Notes  | ADVICE   |
|---|--|
| <p>W Raktnew (+)</p> <p>Rp - 114/70</p> <p>Chol - 107mg/dl.</p> | <p>↓</p> <p>↓ Raktnew (+) -</p> <p>↓ T. Fal (20) - B3 Ar p 1027</p> <p>↓ T. B complex - 0027 x 1027</p> <p align="right">↓</p> |



**DEPARTMENT OF HEALTH & FAMILY WELFARE  
GOVERNMENT OF WEST BENGAL  
OPD PATIENT CARD**

|                            |                |       |         |        |              |             |         |
|----------------------------|----------------|-------|---------|--------|--------------|-------------|---------|
| Name :                     | Manoj K. Singh |       |         |        | Day :        |             |         |
| Sex :                      | M              | Age : | 43 Yrs. | Months | Days         | Reg. No. :  | 42027   |
| Ref. Form :                |                |       |         |        |              | Reg. Date : | 14/8/25 |
|                            |                |       |         |        |              | Card No. :  |         |
| Visit No. : 1              | Department :   |       |         |        | Visit Date : | Time :      |         |
| Doctor / Unit Name (DOW) : |                |       |         |        | Entry No. :  |             |         |
| Room No. :                 |                |       |         |        |              |             |         |

|               |               |
|---------------|---------------|
| Visit Date :  | Visit No. : 2 |
| Department :  | Tm.           |
| Doctor/Unit : |               |
| Entry No. :   |               |

|               |               |
|---------------|---------------|
| Visit Date :  | Visit No. : 3 |
| Department :  | Tm.           |
| Doctor/Unit : |               |
| Entry No. :   |               |

|               |               |
|---------------|---------------|
| Visit Date :  | Visit No. : 4 |
| Department :  | Tm.           |
| Doctor/Unit : |               |
| Entry No. :   |               |

| Clinical Notes   | ADVICE   |
|--|--|
| <p>T2DM<br/>                     (FBS - 176,<br/>                     PPBS - 280)</p> <p>BP - <math>\frac{110}{70}</math></p> <p>CPa - 280 mg 1dl.</p> <p>Cl of eyesight</p> | <p><u>for</u></p> <ul style="list-style-type: none"> <li>- Diabetic diet</li> <li>- Sugar for Hb1c, TSH, um Cr, Lipid profile</li> <li>- T. Metformin (low) - BOPC x 2</li> <li>- Eye checkup</li> </ul> |

9

Alpine



DEPARTMENT OF HEALTH & FAMILY WELFARE  
GOVERNMENT OF WEST BENGAL  
OPD PATIENT CARD

Name : Rabi Kumar  
Sex : M  
Ref. Form :

Age : 37 Yrs. Months Days

Day :  
Reg. No. : 31276  
Reg. Date : 24/6  
Card No. :

Visit No. : 1 Department :  
Doctor / Unit Name (DOW) :  
Room No. :

Visit Date : Time :  
Entry No. :

Visit No. : 2  
Visit Date : Tm.  
Department :  
Doctor/Unit :  
Entry No. :

Visit No. : 3  
Visit Date : Tm.  
Department :  
Doctor/Unit :  
Entry No. :

Visit No. : 4  
Visit Date : Tm.  
Department :  
Doctor/Unit :  
Entry No. :

| Clinical Notes  | ADVICE  |
|---|---|
| <p>24/6/25</p> <p>BP:- <math>\frac{106}{64}</math> mmHg</p> <p>CRP:- 127 ug</p> | <p>domil</p> <p>of cherry</p> <p>of</p> <p>clinically</p> <p>24/6</p> |

Alpine



DEPARTMENT OF HEALTH & FAMILY WELFARE  
GOVERNMENT OF WEST BENGAL  
OPD PATIENT CARD

Name : Gemchast Singh Day :  
 Sex : M Age : 304 Yrs. Months Days Reg. No. : 31277  
 Ref. Form : \_\_\_\_\_ Reg. Date : 24/6  
 Card No. : \_\_\_\_\_  
 Visit No. : 1 Department : \_\_\_\_\_ Visit Date : \_\_\_\_\_ Time : \_\_\_\_\_  
 Doctor / Unit Name (DOW) : \_\_\_\_\_  
 Room No. : \_\_\_\_\_ Entry No. : \_\_\_\_\_

Visit No. : 2  
 Visit Date : \_\_\_\_\_ Tm. \_\_\_\_\_  
 Department : \_\_\_\_\_  
 Doctor/Unit : \_\_\_\_\_  
 Entry No. : \_\_\_\_\_

Visit No. : 3  
 Visit Date : \_\_\_\_\_ Tm. \_\_\_\_\_  
 Department : \_\_\_\_\_  
 Doctor/Unit : \_\_\_\_\_  
 Entry No. : \_\_\_\_\_

Visit No. : 4  
 Visit Date : \_\_\_\_\_ Tm. \_\_\_\_\_  
 Department : \_\_\_\_\_  
 Doctor/Unit : \_\_\_\_\_  
 Entry No. : \_\_\_\_\_

| Clinical Notes  | ADVICE  |
|---|---|
| <p><u>24/6/25</u></p> <p>BP! - <math>\frac{134}{81}</math></p> <p>CRy! - 106</p> <p>No complaints at present</p> <p>Chest! - NAD</p> <p>P - 76/min</p> <p>Afebrile.</p> | <p><u>Adv</u></p> <p>Patient is clinically fit</p> <p><u>ln</u></p> <p><u>24/6/25</u></p> |

Alpine



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**DEPARTMENT OF HEALTH & FAMILY WELFARE  
GOVERNMENT OF WEST BENGAL  
OPD PATIENT CARD**



|               |                            |       |              |        |        |                  |
|---------------|----------------------------|-------|--------------|--------|--------|------------------|
| Name :        | Biswojit Pal               |       |              |        | Day :  |                  |
| Sex :         | M                          | Age : | 38 Yrs.      | Months | Days   | Reg. No. : 31275 |
| Ref. Form :   |                            |       |              |        |        | Reg. Date : 24/6 |
|               |                            |       |              |        |        | Card No. :       |
| Visit No. : 1 | Department :               |       | Visit Date : |        | Time : |                  |
|               | Doctor / Unit Name (DOW) : |       |              |        |        |                  |
|               | Room No. :                 |       | Entry No. :  |        |        |                  |

Visit Date :  
Department :  
Doctor/Unit :  
Entry No. :

Visit No. : 2  
Tm.

Visit Date :  
Department :  
Doctor/Unit :  
Entry No. :

Visit No. : 3  
Tm.

Visit Date :  
Department :  
Doctor/Unit :  
Entry No. :

Visit No. : 4  
Tm.

## Clinical Notes

## ADVICE

24/6/25  
BP:-  $\frac{131}{84}$   
CRP:- 349  
P → 76/mi.  
Chest :- NAD.  
No complain at present.

Adv  
→ Tab. Metformin (1000) has BACK COME  
→ Patient is clinically fit

hm  
24/6/25



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**DEPARTMENT OF HEALTH & FAMILY WELFARE  
GOVERNMENT OF WEST BENGAL  
OPD PATIENT CARD**



|                            |                            |              |                |
|----------------------------|----------------------------|--------------|----------------|
| Name :                     | <i>Nicky</i>               | Day :        |                |
| Sex :                      | <i>M</i>                   | Reg. No. :   | <i>16256</i>   |
| Age :                      | <i>35</i> Yrs. Months Days | Reg. Date :  | <i>27/3/25</i> |
| Ref. Form :                |                            | Card No. :   |                |
| Visit No. : 1              | Department :               | Visit Date : | Time :         |
| Doctor / Unit Name (DOW) : |                            |              |                |
| Room No. :                 |                            | Entry No. :  |                |

|               |               |
|---------------|---------------|
| Visit Date :  | Visit No. : 2 |
| Department :  | Tm.           |
| Doctor/Unit : |               |
| Entry No. :   |               |

|               |               |
|---------------|---------------|
| Visit Date :  | Visit No. : 3 |
| Department :  | Tm.           |
| Doctor/Unit : |               |
| Entry No. :   |               |

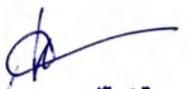
|               |               |
|---------------|---------------|
| Visit Date :  | Visit No. : 4 |
| Department :  | Tm.           |
| Doctor/Unit : |               |
| Entry No. :   |               |

| Clinical Notes   | ADVICE  |
|--|---|
| <p><i>BP - <math>\frac{166}{105}</math> only</i></p> <p><i>CBC - 142 w/ w/</i></p> | <p><i>GT M</i></p> <p><i>9 Auro</i></p> <p><i>9 Telu</i></p> <p><i>40</i></p> <p><i>ASR</i></p> <p><i>27/3/25</i></p> |

**MEDICAL CHECK UP CAMP ORGANISED BY POLBA B.P.H.C**

**22-10-2024 & 23-10-2024**

| SL. | EMP CODE    | EMPLOYEE NAME           | DESIGNATION               | Sex  | DOB       | Age |
|-----|-------------|-------------------------|---------------------------|------|-----------|-----|
| 1   | ADPL/EC/003 | Sukhdev Singh           | Deputy General Manager    | Male | 20-Oct-86 | 38  |
| 2   | ADPL/EC/010 | Uday Kumar Yadav        | Milling Operator          | Male | 01-Jan-77 | 48  |
| 3   | ADPL/EC/013 | Krishna Mishra          | Liquifaction Operator     | Male | 25-Apr-98 | 26  |
| 4   | ADPL/EC/030 | Tamal Roy               | Lab Process Chemist       | Male | 16-Nov-03 | 21  |
| 5   | ADPL/EC/032 | Mohammad Adnan          | ETP Manager               | Male | 22-Aug-88 | 36  |
| 6   | ADPL/EC/036 | Dipanjan Dutta          | WTP Operator              | Male | 07-Feb-92 | 33  |
| 7   | ADPL/EC/042 | Amarjeet Yadav          | 1st Class Operator Boiler | Male | 04-Dec-81 | 43  |
| 8   | ADPL/EC/046 | Satyendra Yadav         | 2nd Class Operator Boiler | Male | 15-Aug-01 | 23  |
| 9   | ADPL/EC/049 | Prayag Kumar Yadav      | Fireman Boiler            | Male | 29-Oct-02 | 22  |
| 10  | ADPL/EC/051 | Ramasheesh Yadav        | Turbine Operator          | Male | 01-Jan-85 | 40  |
| 11  | ADPL/EC/054 | Virendra Kumar<br>Yadav | Coal Handling Operator    | Male | 02-Apr-87 | 37  |
| 12  | ADPL/EC/056 | Sukdeb Patra            | Coal Handling Operator    | Male | 10-Dec-99 | 25  |
| 13  | ADPL/EC/061 | Biswanath Adak          | Electrician               | Male | 11-Apr-93 | 31  |
| 14  | ADPL/EC/066 | Paritosh Manna          | Mechanical Fitter         | Male | 05-Apr-88 | 36  |
| 15  | ADPL/EC/068 | Vipin Kumar             | Mechanical Fitter         | Male | 07-Jun-97 | 27  |
| 16  | ADPL/EC/070 | Sonu Singh              | Mechanical Fitter/ Welder | Male | 05-Jun-97 | 27  |
| 17  | ADPL/EC/072 | Awdesh Kumar            | Mechanical Fitter         | Male | 10-Feb-85 | 40  |
| 18  | ADPL/EC/073 | Seraj Khan              | IBR Welder Mechanical     | Male | 07-Aug-90 | 34  |
| 19  | ADPL/EC/074 | Gobinda Ghosh           | Rice Supervisor           | Male | 01-Jan-73 | 52  |
| 20  | ADPL/EC/075 | Souren Dutta            | Assistant Store           | Male | 05-Sep-91 | 33  |
| 21  | ADPL/EC/076 | Adhir Kumar<br>Khamaru  | Supervisor (coal & Ash)   | Male | 01-Jan-70 | 55  |
| 22  | ADPL/EC/077 | Pramod Sah              | Dryer Operator            | Male | 11-Jan-92 | 33  |
| 23  | ADPL/EC/078 | Kartik Sarkar           | Supervisor (DDGS)         | Male | 01-Jan-71 | 54  |
| 24  | ADPL/EC/079 | Souvik Khanra           | Weigh Bridge Operator     | Male | 14-Aug-97 | 27  |
| 25  | ADPL/EC/080 | Sarbajit Nayek          | Weigh Bridge Operator     | Male | 04-May-88 | 36  |
| 26  | ADPL/EC/084 | Niladri Basak           | Executive Excise Agent    | Male | 06-Oct-79 | 45  |
| 27  | ADPL/EC/085 | Sukamal Biswas          | Assistant Excise Agent    | Male | 30-Jan-88 | 37  |

  
 Medical Officer  
 Polba - Dadpur BPHC  
 Hooghly

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|    |             |                      |                            |      |           |    |
|----|-------------|----------------------|----------------------------|------|-----------|----|
| 28 | ADPL/EC/086 | Biswajit Pal         | Ware House Incharge        | Male | 29-Apr-84 | 40 |
| 29 | ADPL/EC/087 | Rajiv Dubey          | Manager Accounts           | Male | 07-Jul-77 | 47 |
| 30 | ADPL/EC/088 | Chandan Sarkar       | Executive Accounts         | Male | 01-Apr-95 | 29 |
| 31 | ADPL/EC/089 | Sadhan Sarkar        | Manager - Store            | Male | 03-Jul-77 | 47 |
| 32 | ADPL/EC/090 | Sanjay Chattopadhyay | Assistant Store            | Male | 28-Jul-89 | 35 |
| 33 | ADPL/EC/091 | Subrata Das          | Assistant Store            | Male | 01-Aug-00 | 24 |
| 34 | ADPL/EC/093 | Bibhas Giri          | Assistant HR               | Male | 27-Apr-94 | 30 |
| 35 | ADPL/EC/094 | Sourendranath Jasu   | Peon                       | Male | 03-Apr-93 | 31 |
| 36 | ADPL/EC/096 | Debabrata Mondal     | Driver                     | Male | 04-Apr-82 | 42 |
| 37 | ADPL/EC/098 | Ramesh Ghorui        | Kitchen Incharge           | Male | 05-Jan-77 | 48 |
| 38 | ADPL/EC/099 | Sanjay Kumar         | Cook                       | Male | 20-Apr-93 | 31 |
| 39 | ADPL/EC/103 | Nagendra Kumar       | 2nd Class Boiler Attendant | Male | 15-Jun-01 | 23 |
| 40 | ADPL/EC/104 | Manoj Kumar Shukla   | Shift Engineer             | Male | 01-Jan-78 | 47 |
| 41 | ADPL/EC/105 | Vicky                | DY. Manager Instrument     | Male | 01-Oct-89 | 35 |
| 42 | ADPL/EC/107 | Sunil Sahani         | ETP Operator               | Male | 02-Jul-03 | 21 |
| 43 | ADPL/EC/111 | Sushil Kumar Singh   | Sr Distillation Operator   | Male | 05-Jan-90 | 35 |
| 44 | ADPL/EC/112 | Rakesh Kumar Pandit  | Grain Handing Operator     | Male | 15-Jul-02 | 22 |
| 45 | ADPL/EC/119 | Sujan Das            | ASST ELECTRCIAN            | Male | 12-Jun-92 | 32 |
| 46 | ADPL/EC/120 | Anand Kumar Paswan   | Mechanical Fitter          | Male | 05-Feb-89 | 36 |
| 47 | ADPL/EC/122 | Pradipta Pal         | Asst WTP Operator          | Male | 14-Sep-96 | 28 |
| 48 | ADPL/EC/133 | Shubham Kumar Patel  | Milling Operator           | Male | 10-Dec-92 | 32 |
| 49 | ADPL/EC/134 | Pintu yadav          | Fitter                     | Male | 01-Nov-92 | 32 |
| 50 | ADPL/EC/135 | SADANAND Saroj       | CHP Operator               | Male | 03-May-97 | 27 |
| 51 | ADPL/EC/136 | Raka Dutta           | Trainee CPU Operator       | Male | 17-Dec-99 | 25 |

  
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|    |             |                    |                               |      |           |    |
|----|-------------|--------------------|-------------------------------|------|-----------|----|
| 52 | ADPL/EC/137 | Pijus Santra       | Trainee Milling Operator      | Male | 20-Feb-02 | 23 |
| 53 | ADPL/EC/138 | Suman Roy          | Trainee Liquefaction Operator | Male | 31-Mar-96 | 28 |
| 54 | ADPL/EC/139 | Toton Mondal       | Asst Fitter                   | Male | 20-Feb-96 | 29 |
| 55 | ADPL/EC/140 | Ashok Dhiman       | Sr. Mechanical Fireman        | Male | 21-Oct-79 | 45 |
| 56 | ADPL/EC/142 | Indrajit Yadav     | Asst. Electrician             | Male | 13-Apr-99 | 25 |
| 57 | ADPL/EC/145 | Rampravesh Chauhan | Mechanical Welder(Arc)        | Male | 01-Jul-92 | 32 |
| 58 | ADPL/EC/147 | Davinder Singh     | Instrument Technician         | Male | 06-Apr-98 | 26 |
| 59 | ADPL/EC/149 | Rajnath Yadav      | 1st Class Operator Boiler     | Male | 15-Aug-86 | 38 |
| 60 | ADPL/EC/150 | Tuhin Saha         | Sr. Civil Engineer            | Male | 01-Nov-94 | 30 |
| 61 | ADPL/EC/151 | Arun Gautam        | HR Manager                    | Male | 31-Mar-87 | 37 |
| 62 | ADPL/EC/154 | DILIP Singh        | 1st Class Operator            | Male | 20-Mar-87 | 38 |
| 63 | ADPL/EC/157 | Abhishek           | Operator                      | Male | 15-Apr-00 | 24 |
| 64 | ADPL/EC/158 | Paras Varma        | Cook                          | Male | 04-01-96  | 29 |
| 65 | ADPL/EC/160 | Basudeb Choudhury  | Supervisor (H/K cum Gardner)  | Male | 03-Sep-72 | 52 |
| 66 | ADPL/EC/162 | Prashanta Bauldas  | Helper                        | Male | 01-Jan-82 | 43 |
| 67 | ADPL/EC/164 | Gopal Singh        | Chemist                       | Male | 18-Oct-96 | 28 |
| 68 | ADPL/EC/166 | Chetan kumar       | Dryer Operator                | Male | 09-Dec-00 | 24 |
| 69 | ADPL/EC/168 | Dharam Veer        | ETP Operator                  | Male | 02-Jul-91 | 33 |
| 70 | ADPL/EC/169 | Shamsher Singh     | Boiler Shift Engineer         | Male | 19-04-85  | 39 |
| 71 | ADPL/EC/173 | Rahul Kumar        | Lab Chemist                   | Male | 04-May-03 | 21 |
| 72 | ADPL/EC/175 | Gurchat Singh      | Engineer                      | Male | 14-Mar-95 | 30 |
| 73 | ADPL/EC/176 | Surajit Dutta      | Asst- Operator-ETP            | Male | 06-Oct-92 | 32 |
| 74 | ADPL/EC/177 | Ravi Kumar         | Shift Incharge-Boiler         | Male | 05-Jun-89 | 35 |
| 75 | ADPL/EC/178 | Satendra KR Gond   | Liquifaction Operator         | Male | 10-Jan-04 | 21 |
| 76 | ADPL/EC/179 | Rahul Bauldas      | Asst. Operator Dryer          | Male | 20-Feb-98 | 27 |
| 77 | ADPL/EC/180 | Digambar Singh     | Chemist                       | Male | 09-Mar-94 | 31 |
| 78 | ADPL/EC/181 | Bishtu Bauldas     | Meson-Civil                   | Male | 06-Feb-90 | 35 |

  
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|     |             |                      |                              |      |           |    |
|-----|-------------|----------------------|------------------------------|------|-----------|----|
| 79  | ADPL/EC/182 | Bikrant Mandal       | Evaporation Operator         | Male | 30-Nov-95 | 29 |
| 80  | ADPL/EC/183 | Prem Chandra Bharti  | Evaporation Operator         | Male | 04-Feb-95 | 30 |
| 81  | ADPL/EC/188 | Praveen Kumar        | Boiler Training Engineer     | Male | 10-Aug-97 | 27 |
| 82  | ADPL/EC/190 | Saugata Patra        | Operator CHP                 | Male | 03-Jul-93 | 31 |
| 83  | ADPL/EC/191 | Sukumar Roy          | Asst. Operator CHP           | Male | 14-Jul-88 | 36 |
| 84  | ADPL/EC/192 | Chhotu Dom           | House Keeper                 | Male | 11-Feb-97 | 28 |
| 85  | ADPL/EC/193 | Jayanta Khan         | Fireman Boiler               | Male | 11-Feb-84 | 41 |
| 86  | ADPL/EC/194 | Deepanshu Gupta      | Manager                      | Male | 10-Aug-90 | 34 |
| 87  | ADPL/EC/196 | Nasiruddin Seikh     | Distillation Operator        | Male | 10-Apr-83 | 41 |
| 88  | ADPL/EC/197 | Prince               | Process Engineer             | Male | 24-Jan-02 | 23 |
| 89  | ADPL/EC/199 | Kanchan Singh        | Grain Handling Operator      | Male | 10-May-89 | 35 |
| 90  | ADPL/EC/200 | Rajababu Kumar       | Fireman Power Plant          | Male | 25-Dec-02 | 22 |
| 91  | ADPL/EC/201 | Pankaj               | Asst. Electrician            | Male | 09-Jul-03 | 21 |
| 92  | ADPL/EC/205 | Balram Singh         | Evaporation Operator         | Male | 25-Aug-91 | 33 |
| 93  | ADPL/EC/206 | VIKAS SHRIVASTAV     | WTP Operator                 | Male | 15-Jun-99 | 25 |
| 94  | ADPL/EC/207 | Amit Kumar           | Milling Assistant            | Male | 10-Jun-04 | 20 |
| 95  | ADPL/EC/208 | Soumitra Bera        | Electrical Engineer          | Male | 18-May-94 | 30 |
| 96  | ADPL/EC/209 | AMAN YADAV           | Turbine Operator             | Male | 16-Oct-99 | 25 |
| 97  | ADPL/EC/210 | Rajat                | Assistant Lab                | Male | 28-Jun-98 | 26 |
| 98  | ADPL/EC/211 | VINIT KEDIA          | Finance Head                 | Male | 14-Jul-87 | 37 |
| 99  | ADPL/EC/212 | MD. SHARIF           | Driver                       | Male | 14-Nov-84 | 40 |
| 100 | ADPL/EC/213 | SANNI                | Manager                      | Male | 15-Jan-88 | 37 |
| 101 | ADPL/EC/214 | ABHISHEK SINGH       | Lab Chemist                  | Male | 14-Jul-98 | 26 |
| 102 | ADPL/EC/215 | RANKIT BISWAS        | Shift In Charge Process      | Male | 20-Feb-00 | 25 |
| 103 | ADPL/EC/216 | ANANTA<br>CHATTERJEE | Assistant - Store            | Male | 15-Aug-78 | 46 |
| 104 | ADPL/EC/217 | Bikash Bauldas       | Asst. Liquification Operator | Male | 04-Dec-99 | 25 |
| 105 | ADPL/EC/218 | Prabir Kumar Majhi   | Asst. Drayer Operator        | Male | 10-Jul-94 | 30 |
| 106 | ADPL/EC/219 | Pankaj Pal           | Fermentation Operator        | Male | 08-Jan-96 | 29 |

  
 Medical Officer  
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**MEDICAL CHECK-UP CAMP ORGANISED BY POLBA B.P.H.C****26-09-2023 & 27-09-2023**

Annexure 5

| <b>Sr. No.</b> | <b>Employee Name</b>  | <b>Sex</b> | <b>Age</b> |
|----------------|-----------------------|------------|------------|
| 1              | Jatin Sharma          | Male       | 24         |
| 2              | Adhir Kumar Khamaru   | Male       | 53         |
| 3              | Tapas Das             | Male       | 55         |
| 4              | Jitendra Kumar        | Male       | 29         |
| 5              | Rajesh Yadav          | Male       | 41         |
| 6              | Sandip Chakarborty    | Male       | 47         |
| 7              | Dinesh Singh          | Male       | 43         |
| 8              | Shamsher Singh        | Male       | 38         |
| 9              | Dipanjan Dutta        | Male       | 32         |
| 10             | Mohammad Adnan        | Male       | 35         |
| 11             | Samyak Jain           | Male       | 24         |
| 12             | Sanjay Kumar Sharma   | Male       | 39         |
| 13             | Rauf Mallick          | Male       | 47         |
| 14             | Daroga Paswan         | Male       | 32         |
| 15             | Pawan Kumar           | Male       | 35         |
| 16             | Kartik Murmu          | Male       | 27         |
| 17             | Avtar Singh           | Male       | 55         |
| 18             | Lokesh Jaswal         | Male       | 33         |
| 19             | Debraj Mukherjee      | Male       | 40         |
| 20             | Avinash Kumar         | Male       | 43         |
| 21             | Virendra Kumar Yadav  | Male       | 36         |
| 22             | Ahishek Kumar Yadav   | Male       | 21         |
| 23             | Yatendra Kumar Tiwari | Male       | 29         |
| 24             | Bharat Bhushan Ram    | Male       | 44         |
| 25             | Bhajan Paswan         | Male       | 37         |
| 26             | Sukhdev Singh         | Male       | 36         |
| 27             | Raka Dutta            | Male       | 23         |
| 28             | Shashi Bhushan Kumar  | Male       | 32         |
| 29             | Sanjoy Chattopadhyay  | Male       | 34         |
| 30             | Krishnendu Pal        | Male       | 38         |
| 31             | Vicky                 | Male       | 33         |
| 32             | Subrata Das           | Male       | 23         |
| 33             | Shubham Kumar Patel   | Male       | 30         |
| 34             | Ravi Kumar            | Male       | 32         |
| 35             | Arun Gautam           | Male       | 36         |
| 36             | Bibhas Giri           | Male       | 29         |
| 37             | Sunil Sahni           | Male       | 20         |
| 38             | Sonu Singh            | Male       | 26         |
| 39             | Pritosh Manna         | Male       | 35         |
| 40             | Pintu Yadav           | Male       | 30         |
| 41             | Runu Das              | Female     | 37         |
| 42             | Gopal Singh           | Male       | 26         |
| 43             | Bijendra Singh        | Male       | 30         |
| 44             | Pankaj Kumar          | Male       | 20         |

**MEDICAL CHECK-UP CAMP ORGANISED BY POLBA B.P.H.C**

Annexure 5

26-09-2023 &amp; 27-09-2023

| Sr. No. | Employee Name         | Sex    | Age |
|---------|-----------------------|--------|-----|
| 45      | Sukdeb Patra          | Male   | 23  |
| 46      | Rajnath Yadav         | Male   | 37  |
| 47      | Santosh Thaku         | Male   | 38  |
| 48      | Uday Kumar Singh      | Male   | 46  |
| 49      | Vinod Ram             | Male   | 29  |
| 50      | Vipin Kumar           | Male   | 26  |
| 51      | Rampravesh Chouhan    | Male   | 31  |
| 52      | Sambhu Kumar Yadav    | Male   | 32  |
| 53      | Gurchat Singh         | Male   | 28  |
| 54      | Satyendra Yadav       | Male   | 22  |
| 55      | Sudhir Sah            | Male   | 40  |
| 56      | Rohit Kumar Ojha      | Male   | 30  |
| 57      | Nagendra Kumar        | Male   | 22  |
| 58      | Dharamveer            | Male   | 32  |
| 59      | Ranjeet Kumar Thakur  | Male   | 24  |
| 60      | Toton Mondal          | Male   | 27  |
| 61      | Sarabjit Nayak        | Male   | 35  |
| 62      | Manish Kumar          | Male   | 30  |
| 63      | Umesh Kumar Bhagat    | Male   | 41  |
| 64      | Kartik Sarkar         | Male   | 52  |
| 65      | Indrajit Yadav        | Male   | 24  |
| 66      | Sujay Kumar Choudhury | Male   | 37  |
| 67      | Chinmoy Chattapadhyay | Male   | 34  |
| 68      | Souren Dutta          | Male   | 32  |
| 69      | Subhajit Ghost        | Male   | 31  |
| 70      | Sidhuram Hansda       | Male   | 26  |
| 71      | Pawan Thakur          | Male   | 33  |
| 72      | Bishwanath Adak       | Male   | 30  |
| 73      | Pradipta Pal          | Male   | 27  |
| 74      | Dipankar Mukherjee    | Male   | 39  |
| 75      | Runu Adak             | Female | 25  |
| 76      | Amarjeet Yadav        | Male   | 42  |
| 77      | Ajay Kumar            | Male   | 31  |
| 78      | Roshan Kumar Prasad   | Male   | 27  |
| 79      | Ramasheesh Yadav      | Male   | 48  |
| 80      | Rohit Kumar           | Male   | 34  |
| 81      | Krishan Mishra        | Male   | 25  |
| 82      | Om Kumar Patel        | Male   | 26  |
| 83      | Danial                | Male   | 32  |
| 84      | Debabrata Mondal      | Male   | 41  |
| 85      | Gobinda Ghosh         | Male   | 50  |
| 86      | Bishwajit Adak        | Male   | 24  |
| 87      | Amleash Kumar Singh   | Male   | 25  |
| 88      | Sanjay Kumar          | Male   | 30  |
| 89      | Raju                  | Male   | 33  |
| 90      | Rajeev Kumar Dubay    | Male   | 46  |

**EMPLOYEES ANNUAL MEDICAL CHECKUP FORM  
ALPINE DISTILLERIES PRIVET LIMITED**

NAME: **VIRENDRA KR. YADAV**  
AGE: **36** SEX: **M** LAB. ID.

EMP. NO. **28**

DATE:

**PHYSICAL EXAMINATION**

Hight:

Waight:

BMI:

Pulse rate:

BP:

**PERSONAL HISTORY**

SMOKING:

ALCOHOLISM:

DIABETES:

HYPERTENTION:

ALLERGY:

ACCIDENTS:

SUGERIES:

**Complaints if any:**

SYSTEMIC EXAMINATION:

RESPIRATORY TRACT:

CVS(HEART):

MENTAL STATUS:

GI TRACT:

PHYSICAL STATUS:

ABDOMEN:

GENERAL CONDITION:

Summary of investigations(N= normal, N.R.= sample not recieved/test not performed)

Complete blood picture & ESR

Random blood suger

Pulmonary function test **NAD**

Vision

Audiometry **NAD**

**Report attached E file**

**RECOMMENDATIONS/IMPRESSIONS**

Candidate is fit for employment

Candidate is unfit for employment

For discussion with HRD

**PHYSICIAN'S SIGNATURE & STAMP**

PANEL : CAM01258  
SAMPLE NO : 09/2023/2317 OSS 28  
PATIENT NAME: VIRENDRA KR YADAV  
SEX / AGE : MALE / 36 Y  
REFERRED BY : Dr. M. O.



ID NO. : L0110628  
RECEIPT DATE : 30/09/2023  
REPORT DATE : 30/09/2023

**HEMATOLOGY**

| Test Name   | Result   | Unit          | Reference Range                              |
|---|--|---------------|--|
| <b>COMPLETE HAEMOGRAM</b><br>Specimen: EDTA Whole blood         |  |               |  |
| <b>AUTOMATED CELL COUNTER USED</b>                              |  |               |  |
| <b>HAEMOGLOBIN</b><br>HB%                                       | 12.10  | Gm/dl         | ADULT MALE: 13 - 17<br>ADULT FEMALE: 12 - 15 |
| <b>TOTAL COUNT</b><br>ERYTHROCYTE                               | 4.12   | million/cu.mm | MALE: 4.5 - 5.5<br>FEMALE : 3.8 - 4.8        |
| LEUCOCYTE   | 8400   | Count/c.mm    | 4000-10000                                   |
| PLATELET (DC detection method/manual)                           | 2.10   | Lakhs/c.mm    | 1.5 - 4.0                                    |
| <b>DIFFERENTIAL LEUCOCYTES COUNT (MANUAL)</b>                   |  |               |  |
| NEUTROPHIL  | 84   | %             | 40 - 80                                      |
| LYMPHOCYTE  | 14   | %             | 20 - 40                                      |
| MONOCYTE  | 01   | %             | 2 - 10                                       |
| EOSINOPHIL  | 01   | %             | 1 - 6  |
| BASOPHIL  | 00   | %             | < 1 - 2                                      |
| <b>E.S.R. (WESTERGREIN)</b><br>FIRST HOURS                      | 30   | mm.           | 5 - 20                                       |
| <b>P/S MORPHOLOGY</b><br>MORPHOLOGY OF RBC<br>MORPHOLOGY OF WBC | NORMOCYTIC NORMOCHROMIC.<br>NO ABNORMAL CELL DETECTED IN LEUKOCYTES SERIES |               |  |
| (P.C.V)   | 37.12  | %             | MALE : 40 - 50<br>FEMALE : 36 - 46           |
| (M.C.V)   | 88.12  | fL            | 83 - 101                                     |
| (M.C.H)   | 28.10  | pg            | 27 - 32Pg                                    |
| (M.C.H.C)   | 34.12  | gm/dL         | 31.5 - 34.5                                  |

ALL REFERENCE RANGE : FOR ADULTS ONLY

**Comments : Please Correlate with clinical condition**  
\*\*\*\*\* End of Report \*\*\*\*\*

DR. S. Bose  
MBBS, DCP  
Consultant Histopathologist & Cytologist

*Swarnendu Pal*  
DR. Swarnendu Pal  
M.B.B.S., M.D.  
Consultant Histopathologist & Cytologist

Dr Sonali Banerjee  
M.B.B.S., M.D.  
Consultant BioChemist

SAMPA  
Checked By



**DEPARTMENT OF HEALTH & FAMILY WELFARE**  
**GOVERNMENT OF WEST BENGAL**  
 OPD / EMERGENCY TREATMENT CARD

Annexure 5

Name of the Health Facility : **Polba Block Primary Health Center**  
 Address : **Polba Dadpur Block, Polba, Hooghly.**

**PATIENT DETAILS :** Registration No. **28** Date \_\_\_\_\_  
 Name **VIRENDRA KR YADAV** Age **36** Sex **M**  
 Address **ALPINE**

Visiting Date : \_\_\_\_\_ Doctor's Name : \_\_\_\_\_

**Clinical Notes :**

**ADVICE/ Investigation**

“দুই সপ্তাহ বা তার বেশী কাশি”-টিবির জন্য কফ পরীক্ষা করুন

wt - 71 kg  
 BP - 140/90 mm Hg  
 CBG = 124 mg/dl  
 Blood done  
 P. T. Audio done  
 Chest = B/L VBS, no added sound  
 Pallor  
 Icterus Nil

Adv

Salt restricted diet  
 N. Amlodepin (5)  
 = ODPC x cont

Refer to Polba BPHC  
 for medicat<sup>n</sup>

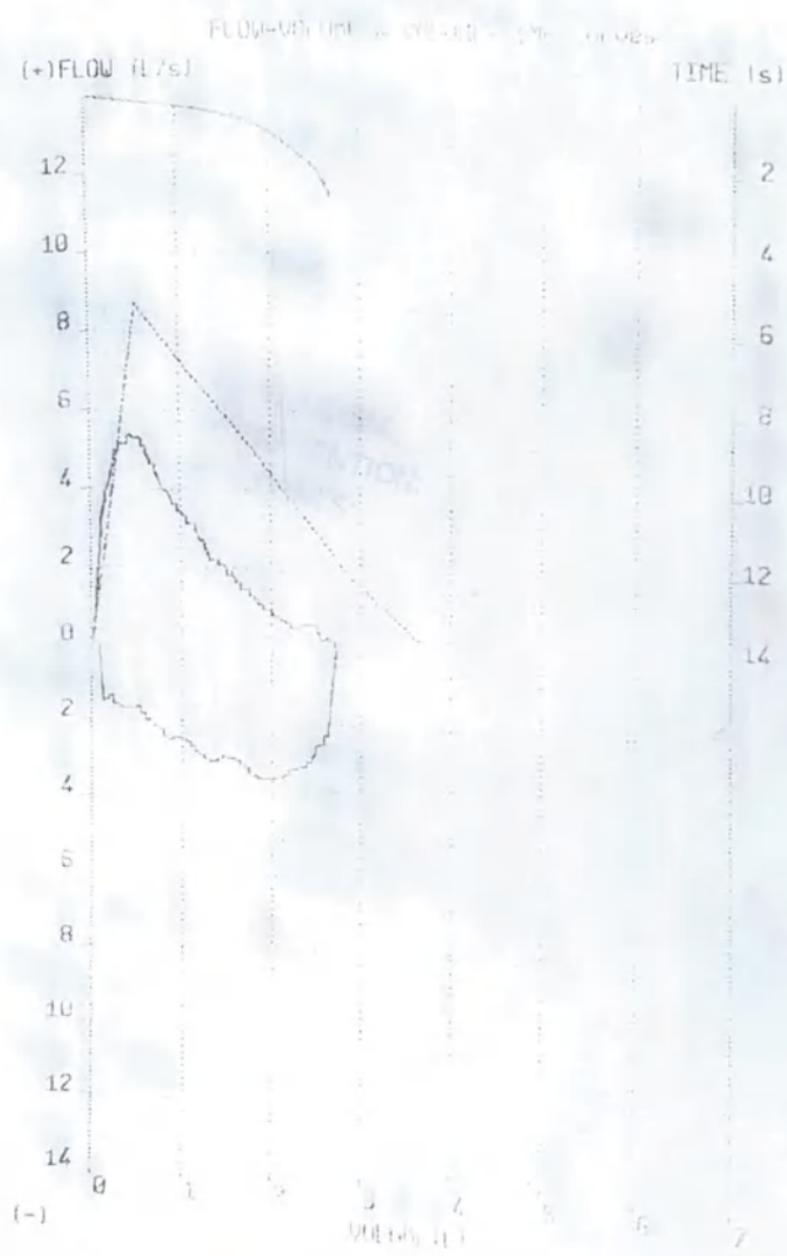
Visual check,  
 BBI 6/6

CA

আউটডোরে দেখাতে আসার সময় পুরোনো টিকিট দয়া করে সঙ্গে আনবেন

REPORT OF PFTS (LUNG FUNCTION TESTS)

Test Date 26/09/2023 11:00      BPPG 1482      PFTS/ERS  
 Name YADAV V  
 Birth Date 02/04/1987      \*33 05/77\*  
 Age 36      Height cm 165      Weight kg 71      Gender ♂  
 Origin North Indian      Medicated DR-  
 PRE File N° 760



| PARAMETER | Frequency | PRE  | POST | DIFF  |
|-----------|-----------|------|------|-------|
| FVC       | 1         | 3.85 | 3.85 | 0     |
| FEV1      | 1         | 2.46 | 2.46 | 0     |
| FEV1/FVC  | 1         | 63.7 | 63.7 | 0     |
| PFE       | 1         | 3.24 | 3.01 | -0.23 |
| PFE50     | 1         | 5.75 | 5.45 | -0.30 |
| PFE25-75  | 1         | 8.77 | 8.45 | -0.32 |
| PFE       | 1         | 6.75 | 6.47 | -0.28 |

**EMPLOYEES ANNUAL MEDICAL CHECKUP FORM  
ALPINE DISTILLERIES PRIVET LIMITED**

NAME: SUKHO DEV SINGH

EMP. NO. 30

AGE: 36 SEX: M LAB. ID.

DATE:

**PHYSICAL EXAMINATION**

Hight:

Waight:

BMI:

Pulse rate:

BP:

**PERSONAL HISTORY**

SMOKING:

ALCOHOLISM:

DIABETES:

HYPERTENTION:

ALLERGY:

ACCIDENTS:

SUGERIES:

**Complaints if any:**

SYSTEMIC EXAMINATION:

RESPITATORY TRACT:

CVS(HEART):

MENTAL STATUS:

GI TRACT:

PHYSICAL STATUS:

ABDOMEN:

GENERAL CONDITION:

Summary of investigations(N= normal, N.R.= sample not recieved/test not performed)

Complete blood picture & ESR

Random blood suger

Pulmonary function test NAD

Vision

Audiometry → NAD

Report attached in file

**RECOMMENDATIONS/IMPRESSIONS**

Candidate is fit for employment

Candidate is unfit for employment

For discussion with HRD

PHYSICIAN'S SIGNATURE & STAMP

PANEL : CAM01258  
SAMPLE NO : 09/2023/2318 OSS 30  
PATIENT NAME: SUKHDEV SINGH  
SEX / AGE : MALE / 36 Y  
REFERRED BY : Dr. M. O.



ID NO. : L0110629  
RECEIPT DATE : 30/09/2023  
REPORT DATE : 30/09/2023

**HEMATOLOGY**

| Test Name   | Result   | Unit          | Reference Range                              |
|---|--|---------------|--|
| <b>COMPLETE HAEMOGRAM</b><br>Specimen: EDTA Whole blood         |  |               |  |
| <b>AUTOMATED CELL COUNTER USED</b>                              |  |               |  |
| <b>HAEMOGLOBIN</b><br>HB%                                       | 14.30  | Gm/dl         | ADULT MALE: 13 - 17<br>ADULT FEMALE: 12 - 15 |
| <b>TOTAL COUNT</b><br>ERYTHROCYTE                               | 4.12   | million/cu.mm | MALE: 4.5 - 5.5<br>FEMALE: 3.8 - 4.8         |
| LEUCOCYTE   | 9300   | Count/c.mm    | 4000-10000                                   |
| PLATELET (DC detection method/manual)                           | 2.38   | Lakhs/c.mm    | 1.5 - 4.0                                    |
| <b>DIFFERENTIAL LEUCOCYTES COUNT (MANUAL)</b>                   |  |               |  |
| NEUTROPHIL  | 72   | %             | 40 - 80                                      |
| LYMPHOCYTE  | 24   | %             | 20 - 40                                      |
| MONOCYTE  | 01   | %             | 2 - 10                                       |
| EOSINOPHIL  | 03   | %             | 1 - 6  |
| BASOPHIL  | 00   | %             | < 1 - 2                                      |
| <b>E.S.R. (WESTERGREN)</b><br>FIRST HOURS                       | 19   | mm.           | 5 - 20                                       |
| <b>P/S MORPHOLOGY</b><br>MORPHOLOGY OF RBC<br>MORPHOLOGY OF WBC | NORMOCYTIC NORMOCHROMIC.<br>NO ABNORMAL CELL DETECTED IN LEUKOCYTES SERIES |               |  |
| (P.C.V)   | 44.12  | %             | MALE : 40 - 50<br>FEMALE : 36 - 46           |
| (M.C.V)   | 88.12  | fL            | 83 - 101                                     |
| (M.C.H)   | 29.10  | pg            | 27 - 32Pg                                    |
| (M.C.H.C)   | 34.12  | gm/dL         | 31.5 - 34.5                                  |

ALL REFERENCE RANGE : FOR ADULTS ONLY

**Comments : Please Correlate with clinical condition**  
\*\*\*\*\* End of Report \*\*\*\*\*

DR. S. Bose  
MBBS, DCP  
Consultant Histopathologist & Cytologist

*Swarnendu Pal*  
DR. Swarnendu Pal  
M.B.B.S., M.D.  
Consultant Histopathologist & Cytologist

Dr Sonali Banerjee  
M.B.B.S., M.D.  
Consultant BioChemist

SAMPA  
Checked By



DEPARTMENT OF HEALTH & FAMILY WELFARE  
GOVERNMENT OF WEST BENGAL  
OPD / EMERGENCY TREATMENT CARD

Name of the Health Facility : Polba Block Primary Health Center  
Address : Polba Dadpur Block, Polba, Hooghly.

PATIENT DETAILS : Registration No. 98 Date  
Name SUKHDEV SINGH Age 38 Sex M  
Address ALPINE

Visiting Date : Doctor's Name :

Clinical Notes :  
Wt - 80 kg  
BP - 110/70 mmHg  
CBG = 126 mg/dl  
Blood done  
No Allergy  
Chest = B/L VBS, no added sound  
Pallor | Nil  
Icterus | Nil  
(PFT) Normal

ADVICE/ Investigation  
"দুই সপ্তাহ বা তার বেশী কাশি"-টিবির জন্য কফ পরীক্ষা করুন  
Adv  
T. Cetirizine (10) - OD 10 days  
Nil Mul Achh.  
B 6/6  
A

স্বাউটডোরে দেখাতে আসার সময় পুরোনো টিকিট দয়া করে সঙ্গে আনবেন

P. 11 Audio done

EMPLOYEES ANNUAL MEDICAL CHECKUP FORM  
ALPINE DISTILLERIES PRIVET LIMITED

Annexure 5

NAME: **BAKA DUTTA**

EMP. NO. **36**

AGE: **23** SEX: **M** LAB. ID.

DATE:

**PHYSICAL EXAMINATION**

Hight:

Waight:

BMI:

Pulse rate:

BP:

**PERSONAL HISTORY**

SMOKING:

ALCOHOLISM:

DIABETES:

HYPERTENTION:

ALLERGY:

ACCIDENTS:

SUGERIES:

**Complaints if any:**

SYSTEMIC EXAMINATION:

RESPITATORY TRACT:

CVS(HEART):

MENTAL STATUS:

GI TRACT:

PHYSICAL STATUS:

ABDOMEN:

GENERAL CONDITION:

Summary of investigations(N= normal, N.R.= sample not recieved/test not performed)

Complete blood picture & ESR

Random blood suger

Pulmonary function test **NAD**

Vision

Audiometry **NAD**

Report attached  $\tau$  file

**RECOMMENDATIONS/IMPRESSIONS**

Candidate is fit for employment

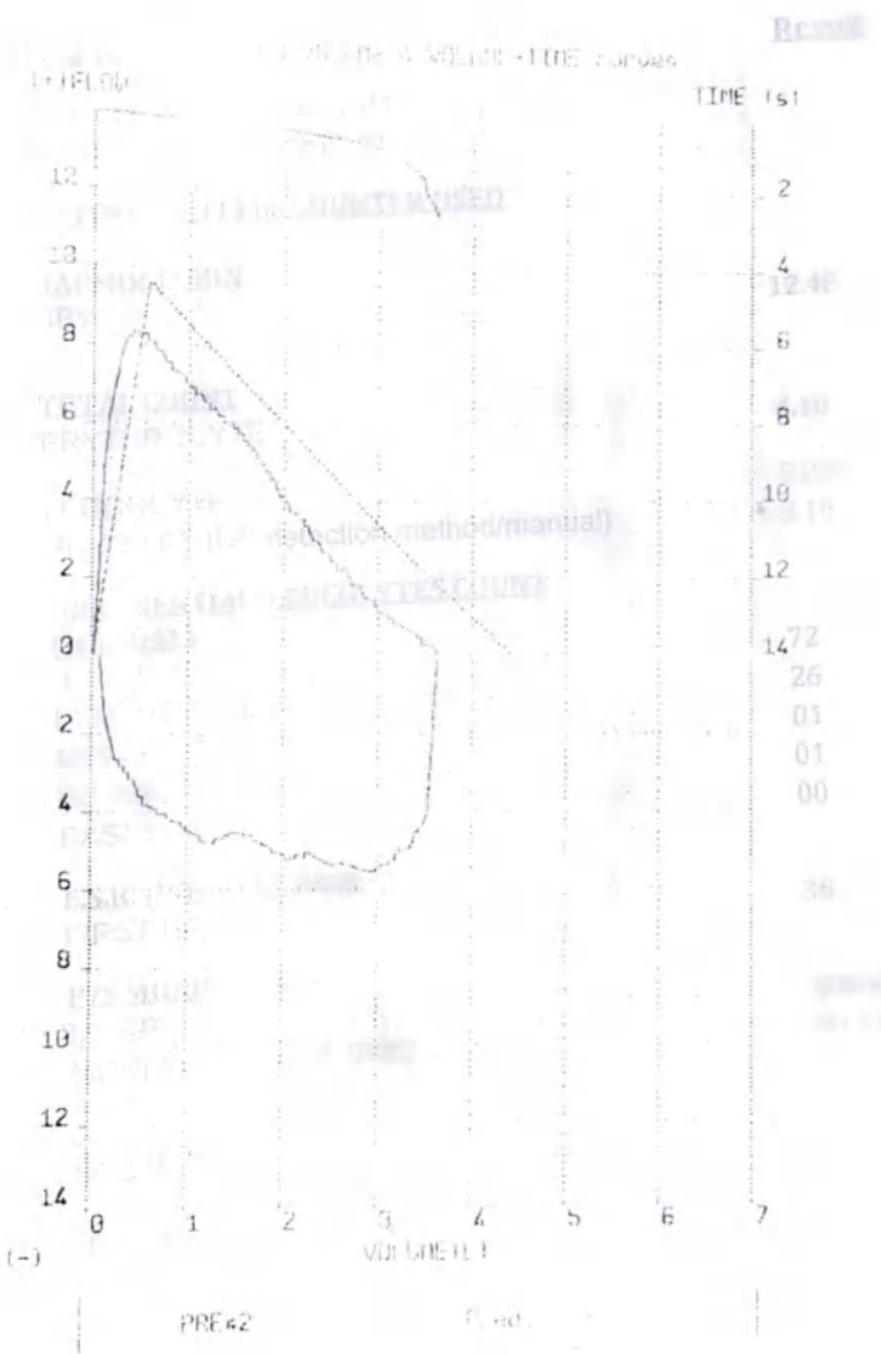
Candidate is unfit for employment

For discussion with HRD

**PHYSICIAN'S SIGNATURE & STAMP**



Test Date: 28/06/2017  
 Name: DUTTA Rishi  
 Birth Date: 12/12/1993  
 Age: 23  
 Origin: North India  
 PRE File No: /51  
 Ht: 1.89  
 Wt: 80.8  
 Weight: 77  
 Gender: M  
 Predicted FRS: H



| PARAMETER |     | Predicted | Act. Act. | Z Pred. |
|-----------|-----|-----------|-----------|---------|
| FVC       | L   | 4.40      | 3.64      | 81      |
| FEV1      | L   | 3.80      | 3.24      | 85      |
| FEV1/FVC  | %   | 0.85      | 0.85      | 100     |
| PEF       | L/s | 9.70      | 8.40      | 87      |
| FEF50     | L/s | 5.43      | 4.56      | 84      |
| FEF25-75  | L/s | 4.96      | 4.02      | 81      |
| FET       | s   | 6.00      | 4.40      | 40      |

INTERPRETATION:  
 Normal Spirometry

QUALITY CONTROL: GOOD

Abrupt stop

REPEATABLE: YES

Made by: [Signature]

28/06/2017

PANEL : CAM01258  
SAMPLE NO : 09/2023/2322 OSS 36  
PATIENT NAME: RAKA DUTTA  
SEX / AGE : MALE / 23 Y  
REFERRED BY : Dr. M . O.



ID NO. : L0110633  
RECEIPT DATE : 30/09/2023  
REPORT DATE : 30/09/2023

**HEMATOLOGY**

**Test Name**

**Result**

**Unit**

**Reference Range**

COMPLETE HAEMOGRAM  
Specimen: EDTA Whole blood

**AUTOMATED CELL COUNTER USED**

**HAEMOGLOBIN**  
HB%

12.40

Gm/dl

ADULT MALE: 13 - 17  
ADULT FEMALE: 12 - 15

**TOTAL COUNT**  
ERYTHROCYTE

4.10

million/cu.mm

MALE: 4.5 - 5.5  
FEMALE ; 3.8 - 4.8

LEUCOCYTE  
PLATELET (DC detection method/manual)

8100  
3.10

Count/c.mm  
Lakhs/c.mm

4000-10000  
1.5 - 4.0

**DIFFERENTIAL LEUCOCYTES COUNT (MANUAL)**

NEUTROPHIL  
LYMPHOCYTE  
MONOCYTE  
EOSINOPHIL  
BASOPHIL

72  
26  
01  
01  
00

%  
%  
%  
%  
%

40 - 80  
20 - 40  
2 - 10  
1 - 6  
< 1 - 2

**E.S.R. (WESTERGREN)**  
FIRST HOURS

36

mm.

5 - 20

**P/S MORPHOLOGY**

MORPHOLOGY OF RBC  
MORPHOLOGY OF WBC

NORMOCYTIC NORMOCHROMIC.  
NO ABNORMAL CELL DETECTED IN LEUKOCYTES SERIES

(P.C.V)

37.36

%

MALE : 40 - 50  
FEMALE : 36 - 46

(M.C.V)

88.12

fL

83 - 101

(M.C.H)

28.19

pg

27 - 32Pg

(M.C.H.C)

34.10

gm/dL

31.5 - 34.5

ALL REFERENCE RANGE : FOR ADULTS ONLY

**Comments : Please Correlate with clinical condition**

\*\*\*\*\* End of Report \*\*\*\*\*

DR. S. Bose  
MBBS, DCP  
Consultant Histopathologist & Cytologist

*Swarnendu Pal*  
DR. Swarnendu Pal  
M.B.B.S., M.D.  
Consultant Histopathologist & Cytologist

Dr Sonali Banerjee  
M.B.B.S., M.D.  
Consultant BioChemist

SAMPA  
Checked By



**EMPLOYEES ANNUAL MEDICAL CHECKUP FORM**  
**ALPINE DISTILLERIES PRIVET LIMITED**

NAME: SASHI BHUSAN KUMAR  
 AGE: 32 SEX: M LAB. ID. \_\_\_\_\_

EMP. NO. 22

DATE: \_\_\_\_\_

**PHYSICAL EXAMINATION**

Height: \_\_\_\_\_

Weight: \_\_\_\_\_

BMI: \_\_\_\_\_

Pulse rate: \_\_\_\_\_

BP: \_\_\_\_\_

**PERSONAL HISTORY**

SMOKING: \_\_\_\_\_

ALCOHOLISM: \_\_\_\_\_

DIABETES: \_\_\_\_\_

HYPERTENTION: \_\_\_\_\_

ALLERGY: \_\_\_\_\_

ACCIDENTS: \_\_\_\_\_

SUGERIES: \_\_\_\_\_

**Complaints if any:**

SYSTEMIC EXAMINATION: \_\_\_\_\_

RESPIRATORY TRACT: \_\_\_\_\_

CVS(HEART): \_\_\_\_\_

MENTAL STATUS: \_\_\_\_\_

GI TRACT: \_\_\_\_\_

PHYSICAL STATUS: \_\_\_\_\_

ABDOMEN: \_\_\_\_\_

GENERAL CONDITION: \_\_\_\_\_

Summary of investigations(N= normal, N.R.= sample not recieved/test not performed)

Complete blood picture & ESR

Random blood suger

Pulmonary function test

Vision

Audiometry

} Report attached with file.  
 → NAD

**RECOMMENDATIONS/IMPRESSIONS**

Candidate is fit for employment

Candidate is unfit for employment

For discussion with HRD

**PHYSICIAN'S SIGNATURE & STAMP**

PANEL : CAM01258  
SAMPLE NO : 09/2023/2311 OSS 22  
PATIENT NAME: **SHASHI BHUSAN KUMAR**  
SEX / AGE : MALE / 32 Y  
REFERRED BY : Dr. M. O.



ID NO. : L0110622  
RECEIPT DATE : 30/09/2023  
REPORT DATE : 30/09/2023

**HEMATOLOGY**

| Test Name   | Result   | Unit          | Reference Range                              |
|---|--|---------------|--|
| <b>COMPLETE HAEMOGRAM</b><br>Specimen: EDTA Whole blood |  |               |  |
| <b>AUTOMATED CELL COUNTER USED</b>                      |  |               |  |
| <b>HAEMOGLOBIN</b>                                      |  |               |  |
| HB%   | 13.40  | Gm/dl         | ADULT MALE: 13 - 17<br>ADULT FEMALE: 12 - 15 |
| <b>TOTAL COUNT</b>                                      |  |               |  |
| ERYTHROCYTE   | 4.12   | million/cu.mm | MALE: 4.5 - 5.5<br>FEMALE: 3.8 - 4.8         |
| LEUCOCYTE   | 7300   | Count/c.mm    | 4000-10000                                   |
| PLATELET (DC detection method/manual)                   | 3.10   | Lakhs/c.mm    | 1.5 - 4.0                                    |
| <b>DIFFERENTIAL LEUCOCYTES COUNT (MANUAL)</b>           |  |               |  |
| NEUTROPHIL  | 64   | %             | 40 - 80                                      |
| LYMPHOCYTE  | 34   | %             | 20 - 40                                      |
| MONOCYTE  | 01   | %             | 2 - 10                                       |
| EOSINOPHIL  | 01   | %             | 1 - 6  |
| BASOPHIL  | 00   | %             | < 1 - 2                                      |
| <b>E.S.R. (WESTERGREN)</b>                              |  |               |  |
| FIRST HOURS   | 50   | mm.           | 5 - 20                                       |
| <b>P/S MORPHOLOGY</b>                                   |  |               |  |
| MORPHOLOGY OF RBC                                       | NORMOCYTIC NORMOCHROMIC.                       |               |  |
| MORPHOLOGY OF WBC                                       | NO ABNORMAL CELL DETECTED IN LEUKOCYTES SERIES |               |  |
| (P.C.V)   | 40.02  | %             | MALE : 40 - 50<br>FEMALE : 36 - 46           |
| (M.C.V)   | 89.12  | fL            | 83 - 101                                     |
| (M.C.H)   | 28.10  | pg            | 27 - 32Pg                                    |
| (M.C.H.C)   | 34.0   | gm/dL         | 31.5 - 34.5                                  |

ALL REFERENCE RANGE : FOR ADULTS ONLY

**Comments : Please Correlate with clinical condition**  
\*\*\*\*\* End of Report \*\*\*\*\*

DR. S. Bose  
MBBS, DCP  
Consultant Histopathologist & Cytologist

*Swarnendu Pal*  
DR. Swarnendu Pal  
M.B.B.S., M.D.  
Consultant Histopathologist & Cytologist

Dr Sonali Banerjee  
M.B.B.S., M.D.  
Consultant BioChemist

LAB TECH  
Checked By



DEPARTMENT OF HEALTH & FAMILY WELFARE Annexure 5

GOVERNMENT OF WEST BENGAL  
OPD / EMERGENCY TREATMENT CARD

Name of the Health Facility : Polba Block Primary Health Center  
Address : Polba Dadpur Block, Polba, Hooghly.

PATIENT DETAILS : Registration No. 22 Date  
Name SHASHI BHUSAN KUMAR Age 32 Sex M  
Address OUTLINE

Visiting Date : Doctor's Name :

Clinical Notes :

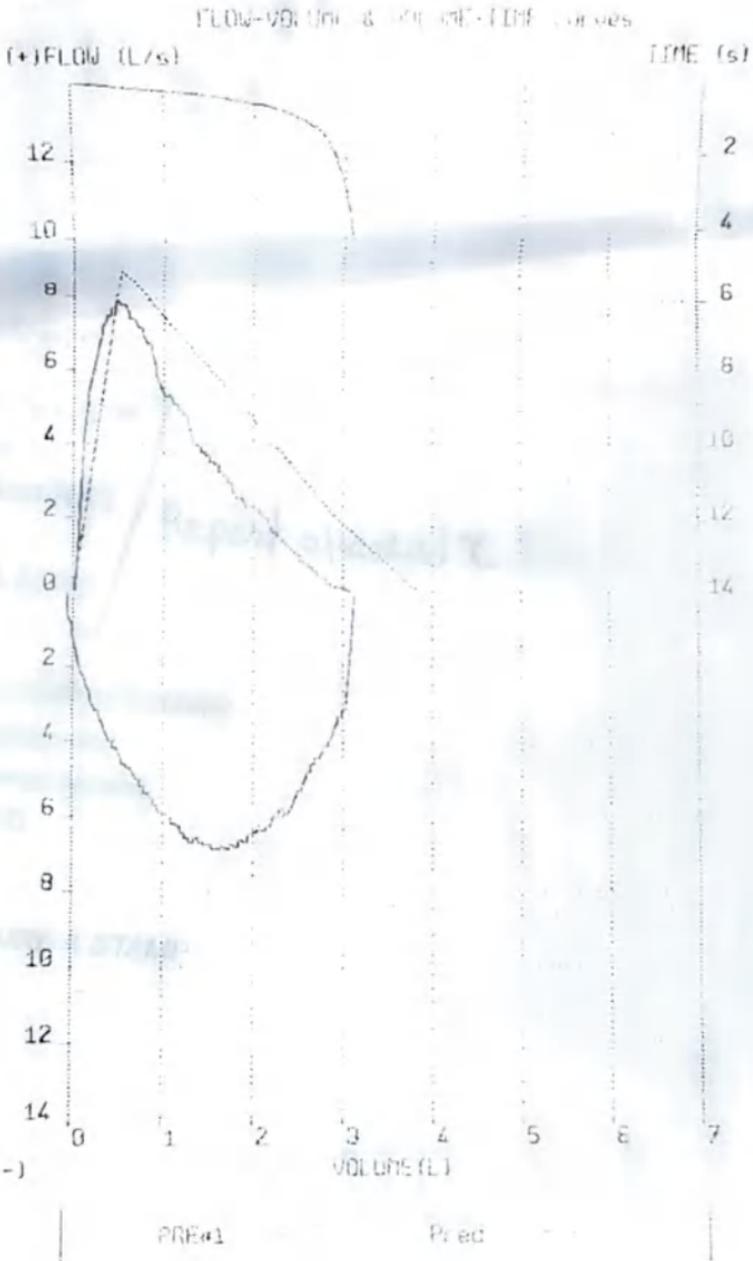
ADVICE/ Investigation

“দুই সপ্তাহ বা তার বেশী কাশি”-টিবির জন্য কফ পরীক্ষা করুন

Wt - 67 kg  
BP - 110/70 mm Hg  
CBG = 108 mg/dl  
Blood done  
Chest = B/L VAS, no added sound.  
Pallor / icterus | Nil  
P-T. Audio - done

stye in Rt lower lid.  
Rx. ROZID-100  
1H BA & 1H  
See output  
MFE/OCCH 102  
Local wk BO - RE  
L Jdh  
A

Test Date: 24/01/2023, 11:25 AM, PFT: 1, Unit: RT5-115  
 Name: KUMAR S R, Age: 32, Height: 180 cm, Weight: 75 kg, Gender: ♂  
 Birth Date: 01/01/1991, Origin: North Indian, PRE File No: 757



| PARAMETER |     | Predicted | PRE #1 | %Pred. |
|-----------|-----|-----------|--------|--------|
| FVC       | L   | 3.30      | 3.09   | 79     |
| FEV1      | L   | 3.31      | 2.69   | 81     |
| FEV1/FVC  | %   | 81.5      | 87.1   | 107    |
| PEF       | L/s | 8.91      | 7.90   | 99     |
| FEF50     | L/s | 4.91      | 3.36   | 68     |
| FEF25-75  | L/s | 4.57      | 3.09   | 68     |
| FEF       | s   | 6.60      | 3.88   | 65     |

INTERPRETATION

Possible Mild Restriction

QUALITY CONTROL: 68/100 (PASS) (01/01/2023)

**EMPLOYEES ANNUAL MEDICAL CHECKUP FORM  
ALPINE DISTILLERIES PRIVATE LIMITED**

NAME: SANJOY CHATTOPADHYAY  
AGE: 34 SEX: M LAB. ID.

EMP. NO. 11

DATE:

**PHYSICAL EXAMINATION**

Hight:

Waight:

BMI:

Pulse rate:

BP:

**PERSONAL HISTORY**

SMOKING:

ALCOHOLISM:

DIABETES:

HYPERTENTION:

ALLERGY:

ACCIDENTS:

SUGERIES:

**Complaints if any:**

SYSTEMIC EXAMINATION:

RESPITATORY TRACT:

CVS(HEART):

MENTAL STATUS:

GI TRACT:

PHYSICAL STATUS:

ABDOMEN:

GENERAL CONDITION:

Summary of investigations(N= normal, N.R.= sample not recieved/test not performed)

|                              |                          |
|------------------------------|--------------------------|
| Complete blood picture & ESR | } Report attached = file |
| Random blood suger           |                          |
| Pulmonary function test      |                          |
| Vision                       |                          |
| Audiometry →                 | NAD                      |

**RECOMMENDATIONS/IMPRESSIONS**

Candidate is fit for employment

Candidate is unfit for employment

For discussion with HRD

**PHYSICIAN'S SIGNATURE & STAMP**

PANEL : CAM01258  
 SAMPLE NO : 09/2023/2301 OSS 11  
 PATIENT NAME: SANJAY CHATTAPADHYAY  
 SEX / AGE : MALE / 34 Y  
 REFERRED BY : Dr. M. O.



ID NO. : L0110612  
 RECEIPT DATE : 30/09/2023  
 REPORT DATE : 30/09/2023

**HEMATOLOGY**

| Test Name  | Result   | Unit          | Reference Range                              |
|--|--|---------------|--|
| COMPLETE HAEMOGRAM<br>Specimen: EDTA Whole blood |  |               |  |
| <b>AUTOMATED CELL COUNTER USED</b>               |  |               |  |
| <b>HAEMOGLOBIN</b>                               |  |               |  |
| HB%  | 14.90  | Gm/dl         | ADULT MALE: 13 - 17<br>ADULT FEMALE: 12 - 15 |
| <b>TOTAL COUNT</b>                               |  |               |  |
| ERYTHROCYTE                                      | 5.12   | million/cu.mm | MALE: 4.5 - 5.5<br>FEMALE: 3.8 - 4.8         |
| LEUCOCYTE  | 11200  | Count/c.mm    | 4000-10000                                   |
| PLATELET (DC detection method/manual)            | 2.30   | Lakhs/c.mm    | 1.5 - 4.0                                    |
| <b>DIFFERENTIAL LEUCOCYTES COUNT (MANUAL)</b>    |  |               |  |
| NEUTROPHIL                                       | 78   | %             | 40 - 80                                      |
| LYMPHOCYTE                                       | 20   | %             | 20 - 40                                      |
| MONOCYTE   | 01   | %             | 2 - 10                                       |
| EOSINOPHIL                                       | 01   | %             | 1 - 6  |
| BASOPHIL   | 00   | %             | < 1 - 2                                      |
| <b>E.S.R. (WESTERGREIN)</b>                      |  |               |  |
| FIRST HOURS                                      | 20   | mm.           | 5 - 20                                       |
| <b>P/S MORPHOLOGY</b>                            |  |               |  |
| MORPHOLOGY OF RBC                                | NORMOCYTIC NORMOCHROMIC.                       |               |  |
| MORPHOLOGY OF WBC                                | NO ABNORMAL CELL DETECTED IN LEUCOCYTES SERIES |               |  |
| (P.C.V)  | 42.10  | %             | MALE : 40 - 50<br>FEMALE : 36 - 46           |
| (M.C.V)  | 87.12  | fL            | 83 - 101                                     |
| (M.C.H)  | 27.92  | pg            | 27 - 32Pg                                    |
| (M.C.H.C)  | 34.10  | gm/dL         | 31.5 - 34.5                                  |

ALL REFERENCE RANGE : FOR ADULTS ONLY

**Comments : Please Correlate with clinical condition**  
 \*\*\*\*\* End of Report \*\*\*\*\*

DR. S. Bose  
 MBBS, DCP  
 Consultant Histopathologist & Cytologist

*Swarnendu Pal*  
 DR. Swarnendu Pal  
 M.B.B.S., M.D.  
 Consultant Histopathologist & Cytologist

Dr Sonali Banerjee  
 M.B.B.S., M.D.  
 Consultant BioChemist

LAB TECH  
 Checked By



Name of the Health Facility : Polba Block Primary Health Center  
Address : Polba Dadpur Block, Polba, Hooghly.

PATIENT DETAILS :  
Registration No. 11 Date \_\_\_\_\_  
Name SANJOY CHATTOPADHYAY Age 34 Sex M  
Address ALPINE

Visiting Date : \_\_\_\_\_ Doctor's Name : \_\_\_\_\_

Clinical Notes :

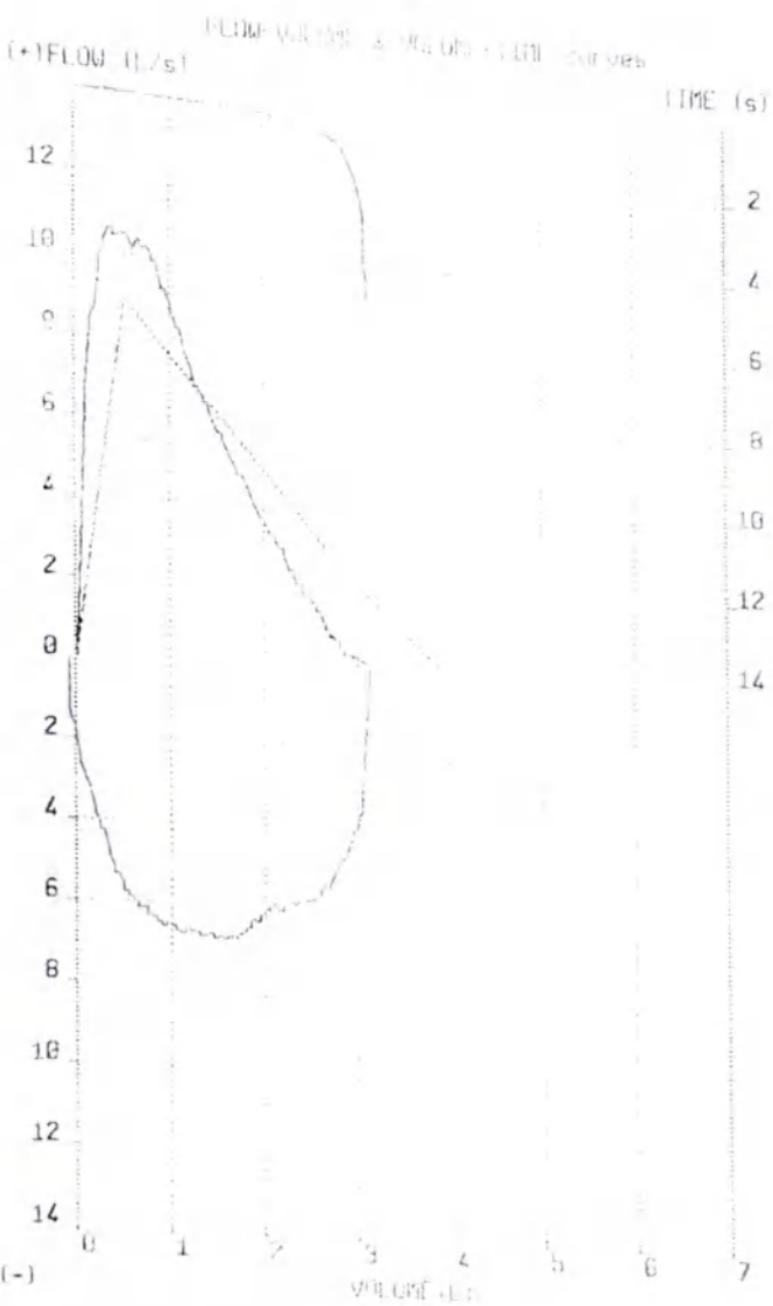
ADVICE/ Investigation

Wt - 76 kg  
BP - 90/60 mm Hg  
CBG = 123 mg/dl  
Blood done  
P.T. Audiogram  
Chest = B/L VBS, no added sound.  
Pallor = Nil  
Icterus = Nil

“দুই সপ্তাহ বা তার বেশী কাশি” - টিবি'র জন্য কফ পরীক্ষা করুন  
BM 6/6  
Normal  
S/O S/O  
T/O - BM < J  
A

Name: CHRISS  
 Birth Date: 27/08/1989  
 Age: 34 Weight: 70 kg  
 Origin: South Indian  
 PFT File No: 745

Flow Volume: 4.96 L/s  
 Height: 170 cm  
 Gender: ♂



| PARAMETER | Units | Observed | Normal | Pred. |
|-----------|-------|----------|--------|-------|
| FVC       | L     | 3.00     | 3.15   | 80    |
| FEV1      | L     | 2.40     | 2.47   | 86    |
| FEV1/FVC  | %     | 80.0     | 78.4   | 112   |
| PEF       | L/s   | 10.00    | 10.00  | 119   |
| FI        | L/s   | 4.15     | 4.15   | 106   |
| FEI 25-75 | L/s   | 4.40     | 4.40   | 103   |
| FET       | s     | 6.00     | 6.00   | 77    |

INTERPRETATION:  
 Possible Mild Restrictive  
 Spirometry (Normal)

**EMPLOYEES ANNUAL MEDICAL CHECKUP FORM  
ALPINE DISTILLERIES PRIVET LIMITED**

NAME: KRISHNENDU PAL  
AGE: 38 SEX: M LAB. ID.

EMP. NO. 37

DATE:

**PHYSICAL EXAMINATION**

Hight:

Waight:

BMI:

Pulse rate:

BP:

**PERSONAL HISTORY**

SMOKING:  
DIABETES:  
ALLERGY:  
SUGERIES:

ALCOHOLISM:  
HYPERTENTION:  
ACCIDENTS:

**Complaints if any:**

SYSTEMIC EXAMINATION:  
CVS(HEART):  
GI TRACT:  
ABDOMEN:

RESPITATORY TRACT:  
MENTAL STATUS:  
PHYSICAL STATUS:  
GENERAL CONDITION:

Summary of investigations(N= normal, N.R.= sample not recieved/test not performed)

Complete blood picture & ESR  
Random blood suger  
Pulmonary function test NAD  
Vision  
Audiometry → NAD

Report attached to file

**RECOMMENDATIONS/IMPRESSIONS**

Candidate is fit for employment  
Candidate is unfit for employment  
For discussion with HRD

**PHYSICIAN'S SIGNATURE & STAMP**



CMC EXTERNAL QUALITY ASSURANCE SCHEME  
(Under the aegis of AQB)  
GOODDAYS DIAGNOSTIC CENTRE  
EQAS LAB REGISTRATION NO. 16397



PANEL : CAM01258  
SAMPLE NO : 09/2023/2323 OSS 37  
PATIENT NAME: KRISHNENDU PAL  
SEX / AGE : MALE / 38 Y  
REFERRED BY : Dr. M. O.



ID NO. : L0110634  
RECEIPT DATE : 30/09/2023  
REPORT DATE : 30/09/2023

### HEMATOLOGY

| Test Name | Result | Unit | Reference Range |
|-----------|--------|------|-----------------|
|-----------|--------|------|-----------------|

COMPLETE HAEMOGRAM  
Specimen: EDTA Whole blood

#### AUTOMATED CELL COUNTER USED

**HAEMOGLOBIN**  
HB%

14.10 Gm/dl  
ADULT MALE: 13 - 17  
ADULT FEMALE: 12 - 15

**TOTAL COUNT**  
ERYTHROCYTE

5.12 million/cu.mm  
MALE: 4.5 - 5.5  
FEMALE: 3.8 - 4.8

LEUCOCYTE  
PLATELET (DC detection method/manual)

8100 Count/c.mm  
3.10 Lakhs/c.mm  
4000-10000  
1.5 - 4.0

#### DIFFERENTIAL LEUCOCYTES COUNT (MANUAL)

| Cell Type  | Result (%) | Reference Range (%) |
|------------|------------|---------------------|
| NEUTROPHIL | 62         | 40 - 80             |
| LYMPHOCYTE | 35         | 20 - 40             |
| MONOCYTE   | 01         | 2 - 10              |
| EOSINOPHIL | 02         | 1 - 6               |
| BASOPHIL   | 00         | < 1 - 2             |

#### E.S.R. (WESTERGREN)

#### P/S MORPHOLOGY

MORPHOLOGY OF RBC  
MORPHOLOGY OF WBC

NORMOCYTIC NORMOCHROMIC.  
NO ABNORMAL CELL DETECTED IN LEUCOCYTES SERIES

| Parameter | Result | Unit  | Reference Range                    |
|-----------|--------|-------|------------------------------------|
| (P.C.V)   | 42.10  | %     | MALE : 40 - 50<br>FEMALE : 36 - 46 |
| (M.C.V)   | 87.12  | fL    | 83 - 101                           |
| (M.C.H)   | 29.10  | pg    | 27 - 32Pg                          |
| (M.C.H.C) | 34.0   | gm/dL | 31.5 - 34.5                        |

ALL REFERENCE RANGE : FOR ADULTS ONLY

Comments : Please Correlate with clinical condition  
\*\*\*\*\* End of Report \*\*\*\*\*

DR. S. Bose  
MBBS, DCP  
Consultant Histopathologist & Cytologist

*Swarnendu Pal*  
DR. Swarnendu Pal  
M.B.B.S., M.D.  
Consultant Histopathologist & Cytologist

Dr Sonali Banerjee  
M.B.B.S., M.D.  
Consultant BioChemist

SAMPA  
Checked By



A brand represents accuracy and quality. trusted by thousands of satisfied patients.

FARM SIDE ROAD, CHINSURAH, HOOGHLY | CONTACT: 94 32 42 41 42

www.gooddays.in

DEPARTMENT OF HEALTH & FAMILY WELFARE  
GOVERNMENT OF WEST BENGAL  
OPD / EMERGENCY TREATMENT CARD

Name of the Health Facility : Polba Block Primary Health Center  
Address : Polba Dadpur Block, Polba, Hooghly.

## PATIENT DETAILS :

Registration No. 37

Date

Name KRISHNENDU PAL Age 38 Sex M

Address ALPINE

## Visiting Date :

Doctor's Name :

## Clinical Notes :

## ADVICE/ Investigation

“দুই সপ্তাহ বা তার বেশী কাশি”-টিবির জন্য কফ পরীক্ষা করুন

WT-84 kg

BP-120/80  
mm Hg

CBG=107mg/dl

Blood done

Chest  
= B/L VBS,  
no added  
soundPallor Nil  
Icterus Nil

P-T. Audio-Done.

Nikhil Debn  
R/L 1/2 LC  
L/R 1/2 LC  
@

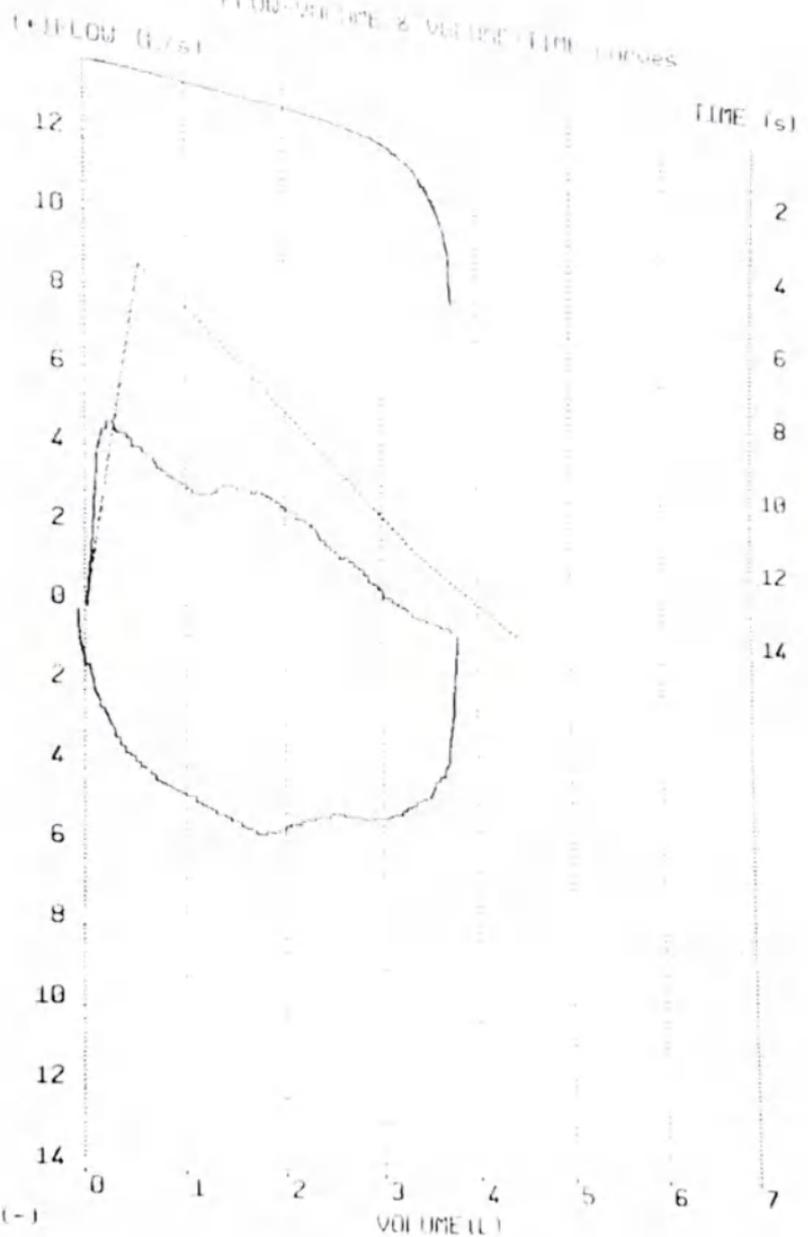
আউটডোরে দেখাতে আসার সময় পুরোনো টিকিট দয়া করে সঙ্গে আনবেন

Date: 22/04/2004  
 Name: P. K. ANTSHEENDU  
 Birth Date: 22/04/1984  
 Age: 19  
 PRE File #: 1768

Date: 22/04/2004  
 Time: 16:24  
 Height: 1.69 m  
 Predicted FRS

Gender: M

Flow-volume & Volume-time curves



| PARAMETER | Units | Pred | PRE #1 | %Pred |
|-----------|-------|------|--------|-------|
| FVC       | L     | 4.50 | 3.74   | 83    |
| FEV1      | L     | 3.73 | 2.89   | 77    |
| FEV1/FVC  | %     | 80.2 | 77.3   | 96    |
| PEF       | L/s   | 8.97 | 4.87   | 54    |
| FEF25-75  | L/s   | 4.34 | 2.63   | 61    |
| FEF       | L/s   | 6.00 | 5.01   | 84    |
| F50       | L/s   | 4.50 | 3.82   | 85    |
| P10       | L/s   | 8.97 | 5.56   | 62    |

P. K. ANTSHEENDU  
 Department of...  
 Quality Function...

## ALPINE DISTILLERIES PVT LTD

12-06-25

### Training Report

To build awareness, skill, and competency among employees for safe plant operation.

#### Training Programs Conducted

| S. No. | Training Module           | Participants      | Frequency  | Trainer           |
|--------|---------------------------|-------------------|------------|-------------------|
| 1      | Safety Induction Program  | All New Joinees   | On Joining | Safety Officer    |
| 2      | Chemical Handling & PPE   | ETP/WTP Staff     | Quarterly  | Safety Department |
| 3      | Fire Safety & Mock Drills | All Employees     | 6 Months   | External Expert   |
| 4      | First Aid Training        | Shift Supervisors | Annual     | Medical Officer   |

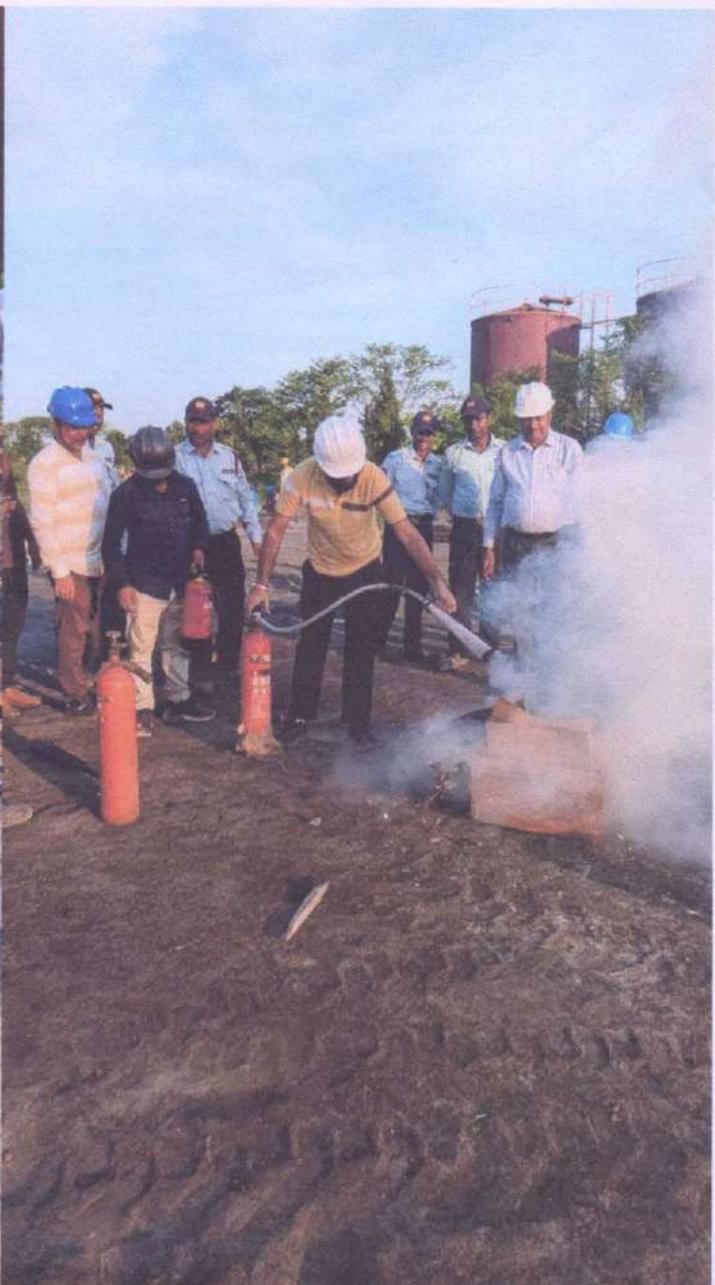
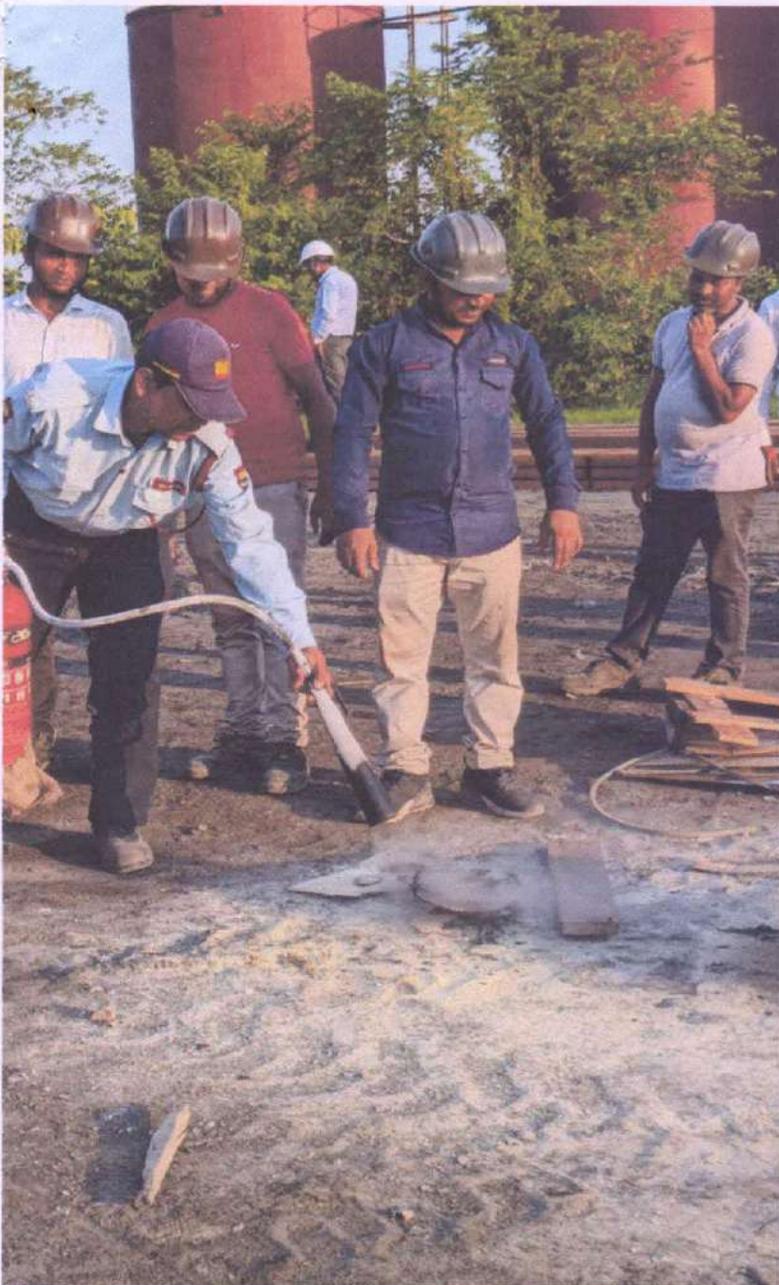
#### Observations

- Practical training improved PPE usage compliance.
- Workers need **refresher training** for fire safety and emergency handling.

#### Conclusion

Continuous training develops a safety culture, reduces incidents, and enhances employee efficiency.

---



# ALPINE DISTILLERIES PVT LTD

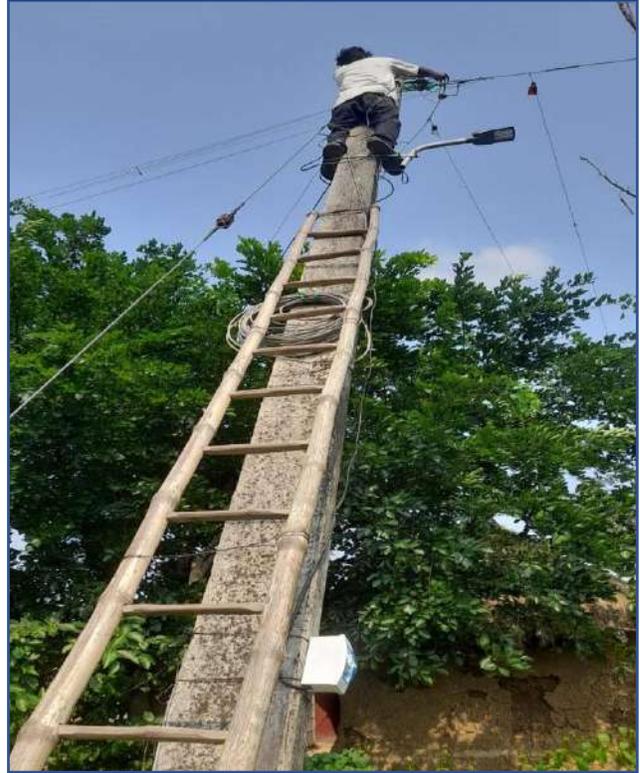


Fire & Safety Training 12-06-2025

| Sr. No. | Name              | Designation             | Signature         |
|---------|-------------------|-------------------------|-------------------|
| 1       | Paritosh Manna    | Fitter                  | Paritosh Manna    |
| 2       | Sonu Singh        | Fitter/Welder           | Sonu Singh        |
| 3       | Avadesh Kumar     | Fitter                  | Avadesh Kumar     |
| 4       | Ashok Dhiman      | Sr. Mechanical Foreman  | Ashok Dhiman      |
| 5       | Prince            | Process Engineer        | Prince            |
| 6       | Sanni             | Manager                 | Sanni             |
| 7       | Ashish Kumar Shaw | Sr. Engineer Electrical | Ashish Kumar Shaw |
| 8       | Arun Gautam       | Sr. Manager HR          | Arun Gautam       |
| 9       | Nasiruddin Seikh  | Operator Distillation   | Nasiruddin Seikh  |
| 10      | Raka Dutta        | Operator ETP            | Raka Dutta        |
| 11      | Nawal Ray         | Operator WTP            | Nawal Ray         |
| 12      | Pritam Biswas     | Helper WTP              | Pritam Biswas     |
| 13      | Seraj Khan        | IBR Welder              | Seraj Khan        |
| 14      | Manoj Kumar Singh | Security Supervisor     | Manoj Kumar Singh |
| 15      | Ajay Kumar Roy    | Security Guard          | Ajay Kumar Roy    |
| 16      | Bishnu Padadas    | Security Guard          | Bishnu Padadas    |
| 17      | Virendra Mathur   | Security Guard          | Virendra Mathur   |
| 18      | Sidhant Tiwari    | Security Guard          | Sidhant Tiwari    |

# **Annexure-23**

**Street Light Installation at Mahanad Village Panchayat Area**



**Maintenance work for Bridge near Mahanad Village Panchayat Area.**



**Distribution of Helmet to local vehicle owners at Mahanad Village Panchayat Area with Traffic Police.**



## TAX INVOICE

**M/S SULTAN CONSTRUCTION**

SUNKA, PAWANAN, HOOGHLY, PIN - 712305, W.B.

MOB: +91-8670301392 / 9932831718

GSTIN No 19ACSPU5200A1ZM

|   |  |            |                         |
|---|--|------------|-------------------------|
| Bill to<br><b>ALPINE DISTILLARIES PVT LTD</b><br><br>Mouza Nagarpura & Meghear, Village & Post<br>:Mahanad, P.S. Polba,<br>District- Hooghly West Bengal<br>Ph No: 03213-263052/263053GSTIN:<br>19AADCA9296Q1ZN | Place of Work<br><b>MAHANAD GRAM PANCHAYAT</b><br><br>RAMNATHPUR,HOOGHLY | INVOICE No | Dated                   |
|   |  | 198        | Wednesday, 9 July, 2025 |
|   |  |            |                         |
|   |  |            |                         |

| Description of Goods   | HSN CODE | QTY | Units | RATE     | GST     | Amount        |
|--|----------|-----|-------|----------|---------|---------------|
| Supply of 240V 30 W LED Street light Lens type) luminaries with IP 66 make of Surya/Magik/(with 2 Years Warranty)  | 94054090 | 160 | SET   | 1970.00  | 18%     | 371936.00     |
| Supply of only Street light Fitting suitable tie clamps pipe and MS plate for mounting on Pole/Tower or similar structure.[Item No20(a)(ii) Page No C-3 Schedule of Rate for Electrical Work - 2017]   | 9405     | 160 | EACH  | 350.00   | 18%     | 66080.00      |
| Supply of 240 V, 20 A Piano key type switch (Brand approved by EIC) on PVC switch board incl. S & F 100x100x65mm PVC switch board and top cover of 3mm thick by after making housing for switch by cutting cover and making necessary connections as required. | 85365090 | 160 | SET   | 201.00   | 18%     | 37948.80      |
| Supply of 2 Core XLPE Insulated & Sheathed Unarmoured Aluminium 4 Conductor cables for Working Voltage up to 1100 Volts of 1 ISI BRAND] 2 Core (4 sqmm)  | 7614     | 960 | MTR   | 79.00    | 18%     | 89491.20      |
| Street light Fully installation charge on 6mtr height RCC pole with the support of ladder by Electrician with his oja helper and nocy connection complete (PWD sec analysis)   | 995461   | 160 | EACH  | 130.00   | 18%     | 24544.00      |
| Supplying of Display Board   | 8529     | 1   | JOB   | 1650.00  | 18%     | 1947.00       |
|  |          |     |       | CGST @9% | 45148.5 |               |
|  |          |     |       | SGST @9% | 45148.5 |               |
| <b>Total</b>   |          |     |       |          |         | <b>591947</b> |

**Total (Say)****591947.00**

Amount Chargeable (in words) : Five lakh ninety one thousand nine hundred and forty-seven only.

Company's PAN: ACSPU5200A

- Please pay by A/c payee cheque in favour of "SULTAN CONSTRUCTION" or Pay by transfer through NEFT/RTGS/IMPS to SULTAN CONSTRUCTION, A/C no - 39780228144, IFSC - SBIN0007205.
- In case of cheque bouncing Rs 300/- will be charged.
- Interest will be charged 2% if payment is not made within 7 days.
- Goods once sold will not be taken back.

For M/S SULTAN CONSTRUCTION  
Authorised Signatory**SULTAN CONSTRUCTION***Sultan Nooruddin*  
Proprietor

ISD/25-26/077

# ASIAN BUSINESS CENTRE

SANJIB HALDER HATTALA, KULTI ROAD, PANDUA, HOOGHLY  
 PH. : 9434013899 (M) : 9474003535  
 E-Mail : sanjeevhalder@gmail.com  
 GSTIN : 19AAUFA5664K1ZR State : 19 West Bengal

## ESTIMATE

**ALPINE DISTILLERIES PVT LTD**  
 MAHANAD, HOOGHLY.

Estimate No : 1205  
 Estimate Dt : 23/04/2025

(M) : 8017997506  
 GSTIN/UIN :  
 STATE :

| Sr | HSN    | Product Description      | Qty   | Unit | Rate     | Amount  |
|----|--------|--------------------------|-------|------|----------|---------|
| 1  |        | TATA PUTTY               | 5.000 | KG   | 24.000   | 120.00  |
| 2  | 320910 | ACE AC 2 20LTR           | 1.000 | PACK | 4198.000 | 4198.00 |
| 3  | 320890 | APCO ADV PH BLUE 4LTR    | 4.000 | PACK | 1100.000 | 4400.00 |
| 4  | 320820 | ASIAN YELLOW PRIMER 4LTR | 3.000 | PACK | 990.000  | 2970.00 |
| 5  |        | T OIL 5LTR               | 1.000 | PACK | 475.000  | 475.00  |
| 6  | 680510 | RED PAPER                | 5.000 | FT   | 12.000   | 60.00   |
| 7  | 320910 | ACE AE 9 9LTR+COLORENT   | 1.000 | PACK | 2527.000 | 2527.00 |
| 8  |        | JUTE TULI SPL            | 4.000 | PCS  | 24.000   | 96.00   |
| 9  |        | 2 1/2" BRUSH SP          | 2.000 | PCS  | 55.000   | 110.00  |
| 10 | 320890 | APCO ADV G YELLOW 1LTR   | 2.000 | PACK | 312.000  | 624.00  |

Store  
 Received  
 OK

BOOK NO 2  
 PAGE NO 05  
 LF NO 21  
 GATE E/NO 06



[In Words] : Fifteen Thousand Eight Hundred Eighty Only. 28.000 **15580.00**

|  |   |
|--|---|
| ASIAN BUSINESS CENTRE<br><br>BANDHAN BANK TINNA PANDUA BRANCH<br>A/C NO. 10210001850304<br>IFSC : BDBL0001323 | BANK DETAILS:<br>Delivery Charges <span style="float: right;">300.00</span> |
|  | INCLUDING GST<br>Round Off  |
|  | <b>NET AMOUNT</b> <span style="float: right;"><b>15880.00</b></span>        |

**DUE**

E. & O. E.

For ASIAN BUSINESS CENTRE

Authorised Signatory

- (1) Interest @ 12% p.a. will be charged, if invoice is not paid on or before due date,
- (2) Subject to Kolkata Jurisdiction.



Original Copy

## TAX INVOICE

## GUPTA TRADING COMPANY

Office/Store-33/1 S.N.Bannerjee Road, Kolkata-700013

Warehouse-Andul Road,Podrah,Howrah-711109

Udyam No. : UDYAM-WB-10-0035001

GSTIN : 19AACFG510OF1ZW

Tel. : 8697846625 / 3340066238 email : guptatradingco20@yahoo.in

Invoice No. : GTCH/813/25-26  
 Dated : 19-06-2025 ( 11:41 AM )  
 Place of Supply : West Bengal (19)  
 Reverse Charge : N  
 Salesman Name :  
 GR/RR No. :

Transport : A/C VAN  
 Vehicle No. :  
 Station : VILLAGE AND PO- MAHANAD  
 E-Way Bill No. :  
 PICKER :  
 No. of CTN :

Billed to :  
 ALPINE DISTILLERIES Pvt Ltd  
 MOUZA-MEGHSAR, PS- POLBA, VILLAGE AND  
 PO- MAHANAD, Hooghly, West Bengal  
 712149

Shipped to :  
 ALPINE DISTILLERIES Pvt Ltd  
 MOUZA-MEGHSAR, PS- POLBA, VILLAGE AND  
 PO- MAHANAD, Hooghly, West Bengal  
 712149

Party Mobile No : 8017984424  
 GSTIN / UIN : 19AADCA9296Q1ZN

Party Mobile No : 8017984424  
 GSTIN / UIN : 19AADCA9296Q1ZN

IRN : d857294c49104e4ec980cce70255bb5ff5c86cd0484739cb8b67c6398594b9c4

Ack.No. : 182519412443196

Ack. Date : 19-06-2025

Order No. :

| S.N. | Description of Goods | HSN/SAC Code | Qty.   | Unit | List Price | Discount | Price  | Amount(` ) |
|------|----------------------|--------------|--------|------|------------|----------|--------|------------|
| 1.   | VOGUE ECO - BLACK L  | 65061090     | 100.00 | PCS  | 895.00     | 38.98 %  | 546.13 | 54,613.00  |

Add : CGST @ 9.00 % 4,915.17  
 Add : SGST @ 9.00 % 4,915.17  
 Less : Rounded Off (-) 0.34

Grand Total 100.00 PCS

64,443.00

| Tax Rate | Taxable Amt. | CGST Amt. | SGST Amt. | Total Tax |
|----------|--------------|-----------|-----------|-----------|
| 18%      | 54,613.00    | 4,915.17  | 4,915.17  | 9,830.34  |

Rupees Sixty Four Thousand Four Hundred Forty Three Only

Bank Details : ICICI BANK, A/C NO.:417705000111, IFSC :ICIC0004177

## Terms &amp; Conditions

E. &amp; O.E.

- Goods once sold will not be taken back.
- Interest @ 18% p.a. will be charged if the payment is not made with in the stipulated time.
- Subject to 'West Bengal' Jurisdiction only.

E-Invoice QR Code



Receiver's Signature :

For GUPTA TRADING COMPANY

Authorised Signatory

ISD 125-26/705

Mob. : 7602841103 / 9800048365

# SANTANA ENTERPRISE

≡ Prop.- Kartik Turi ≡

All painting works, Putty done here & General Order Suppliers.

**KHARAJIPARA :: PANDUA :: HOOGHLY.**

Ref. No. ....

Date. 23/04/2025

1) WEIGHBRIDGE  
(RUST CLEANING,  
PRIMERING AND  
PAINT) = TOTAL AMOUNT = ~~15000/-~~ 13000/-

2) BRIDGE (MANIPUR)  
(SURFACE CLEANING,  
~~PAINT~~, PAINT) = AMOUNT = ~~6500/-~~ 5000/-

---

TOTAL AMOUNT = ~~21500/-~~  
18000/-

18000/-  
Verified  
[Signature]  
(D. Willson)

For ALPINE DISTILLERIES PVT. LTD.

[Signature]  
General Manager (Technical)

কর্তৃত্বিক কৃত্তি.

# **Annexure-24**



## Environment Management Cell (EMC)

**To: All Concerned**

**From: MANAGING DIRECTOR**

**Subject: Environment Management Cell (EMC)**

**Date: 01-09-2024**

Preserving the environment is of paramount concern in all our operations. To promote safe environmental practices, the Environment Management Cell (EMC) is hereby constituted.

The EMC will function under the direct supervision of the GENERAL MANAGER MR. Sukhdev Singh. And Mr. Mohammad Adnan will be second-in-command, followed by the other team members listed below:

### EMC Team Structure

- 1. **Mr. Sukhdev Singh** - Environment & Engineering - Team Leader
- 2. **Mr. Mohammad Adnan** - ETP/WTP Manager - Deputy Team Leader
- 3. **Mr. Sunni** - Production - Coordinator
- 4. **Mr. Depanshu Gupta** - QC Production - Coordinator
- 5. **Mr. Arun Gautam** - Admin/HR - Member
- 6. **Mr. Vicky** - E&I - Member
- 7. **Mr. Shamsheer** - Power Plant - Member
- 8. **Mr. Tuhin Kumar Saha** - Engineer Civil - Member
- 9. **Mr. Bibhas Giri** - Admin/Asst. HR - Member
- 10. **Mr. Basudeb** - H/K cum Gardner - Member

**Alpine Distilleries Pvt. Ltd.**

CIN U51909WB2002PTC095415

Registered Office & Manufactory

Mouza : Nagarpara & Meghsar

Village & Post : Mahanad

P.S. : Polba, District : Hooghly

Pin : 712 149, West Bengal, India

Telephone : (03213) 263052 / 263053

E-mail: info@alpinedistilleries.co.in



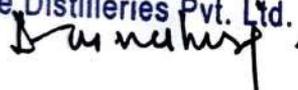
### **Roles and Responsibilities of EMC**

1. Reducing environmental impact on the surrounding communities.
2. Identifying and reviewing workplace environmental hazards.
3. Enforcing environmental protection rules.
4. Measuring safety performance.
5. Developing and monitoring environmental training programs.
6. Reviewing infrastructure related to workplace safety.

All EMC members shall actively contribute and encourage employees to work towards environmental protection and safety, aiming for zero accidents.

The team shall meet every fortnight to review progress in the stated areas and present its report to the management.

For Alpine Distilleries Pvt. Ltd.

  
(Managing Director)

### **Alpine Distilleries Pvt. Ltd.**

CIN U51909WB2002PTC095415

Registered Office & Manufactory

Mouza : Nagarpara & Meghsar

Village & Post : Mahanad

P.S.: Polba, District : Hooghly

Pin : 712 149, West Bengal, India

Telephone : (03213) 263052 / 263053

E-mail: [info@alpinedistilleries.co.in](mailto:info@alpinedistilleries.co.in)

# **Annexure-25**



## To whom it may concern

This is to formally declare that **Alpine Distilleries Pvt. Ltd.** in alignment with our commitment towards sustainable practices, for allocating sufficient funds for Environmental Pollution Control System. Below, a brief detail of recurring funds that has been invested for the last three financial years for environment management/pollution control measures.

| Pollution Controlling System Maintenance | Financial year (22-23) | Financial year (23-24) | Financial year (24-25) |
|--|------------------------|------------------------|------------------------|
| ESP                                      | 180000                 | 220000                 | 225000                 |
| Bag Filter                               | 45000                  | 90000                  | 75000                  |
| Water Sprinkler                          | 25000                  | 46000                  | 63000                  |
| Greenbelt                                | 20000                  | 81000                  | 75000                  |
| ETP                                      | 190000                 | 250000                 | 280000                 |
| Maintenance of Rain Water Harvesting     | 20000                  | 75000                  | 40000                  |
| <b>Total</b>                             | <b>480000</b>          | <b>762000</b>          | <b>758000</b>          |

ALPINE DISTILLERIES PRIVATE LIMITED

  
Authorised Signatory



**Alpine Distilleries Pvt. Ltd.**

CIN U51909WB2002PTC095415

Registered Office & Manufactory

Mouza : Nagarpara & Meghsar

Village & Post : Mahanad

P.S. : Polba, District : Hooghly

Pin : 712 149, West Bengal, India

Telephone (03213) 263052 / 263053

E-mail: info@alpinedistilleries.co.in

# **Annexure-26**



To  
The Sabhadhipati,  
Hooghly Zila Parishad  
Zilla Parishad Bhavan,  
Post- Chinsurah, District Hooghly,  
PIN- 712 101

Date: 02.03.2015

Sub: - Information regarding Grant of Environmental Clearance

Ref.:- EC identification No.- J-1 1011/227/2012-IA II (1) dated 23.02.2015.

Respected Sir,

We would happy to inform you, that we have grant of Environmental Clearance (EC) in our project Grain based Distillery (60 KLPD) along with Cogeneration Power Plant (3.0 MW) at Village Mahanad, Block Polba-Dadpur, Polba, District-Hooghly, West Bengal by M/s. Alpine Distilleries Pvt Ltd. For your reference we enclosed EC Copy.

Thanking You,

Yours Faithfully,

For, M/s. Alpine Distilleries Pvt Ltd

Debraj Mukherjee

Director



Alpine  
Distilleries  
Pvt. Ltd.

**Registered Office**

11, Swinhoe Lane  
Kolkata-700 042  
West Bengal, India  
telephone :+91 33 3296 1791  
email : info@alpinedistilleries.com

**Corporate Office**

2, Jawaharlal Nehru Road  
1st Floor, Kolkata - 700 013,  
West Bengal, India  
telefax : +91 33 2228 5634  
+ 91 33 2228 0515

**Manufacturing Unit**

Mouza - Nagarpara & Meghsar  
Village & Post - Mahanad  
P.S. - Polba, District - Hooghly  
Pin - 712149, West Bengal, India  
telephone : (03213) 263052 / 263053



To  
The Panchayat Pradhan  
Mahanad Gram Panchayat  
Vill & P.o.- Ramnathpur, P.s-Polba  
Dist-Hooghly, West Bengal-712148

Date: 02.03.2015

Sub: - Information regarding Grant of Environmental Clearance

Ref.:- EC identification No.- J-1 1011/227/2012-IA II (1) dated 23.02.2015.

Respected Sir,

We would happy to inform you, that we have grant of Environmental Clearance (EC) in our project Grain based Distillery (60 KLPD) along with Cogeneration Power Plant (3.0 MW) at Village- Mahanad, Block- Polba-Dadpur, Polba, District-Hooghly, West Bengal by M/s. Alpine Distilleries Pvt Ltd. For your reference we enclosed EC Copy.

Thanking You,

Yours Faithfully,

For, M/s. Alpine Distilleries Pvt Ltd

Debraj Mukherjee

Director



**Alpine  
Distilleries  
Pvt. Ltd.**

**Registered Office**

11, Swinhoe Lane  
Kolkata-700 042  
West Bengal, India  
telephone :+91 33 3296 1791  
email : info@alpinedistilleries.com

**Corporate Office**

2, Jawaharlal Nehru Road  
1st Floor, Kolkata - 700 013,  
West Bengal, India  
telefax : +91 33 2228 5634  
+ 91 33 2228 0515

**Manufacturing Unit**

Mouza - Nagarpara & Meghsar  
Village & Post - Mahanad  
P.S. - Polba, District - Hooghly  
Pin - 712149, West Bengal, India  
telephone : (03213) 263052 / 263053



To  
The Sabhadipati,  
Hooghly Zila Parishad,  
Zilla Parishad Bhavan,  
Post- Chinsurah, District Hooghly,  
Pin- 712 101

Date: 25.04.2023

Sub: - Information regarding Grant of Environmental Clearance

Ref.:- EC identification No.- EC23A022WB159502, dated 19.04.2023

Respected Sir,

We would happy to inform you, that we have grant of Environmental Clearance (EC) in our project Expansion of Grain based Distillery from 60 KLPD to 285KLPD along with Cogeneration Power Plant from 3MW to 10MW under Ethanol Blending Program at Village- Mahanad, Block- Polba-Dadpur, Polba, District-Hooghly, West Bengal by M/s. Alpine Distilleries Pvt Ltd.

For your reference we enclosed EC Copy.

Thanking You,

Yours Faithfully,

For, M/s. Alpine Distilleries Pvt Ltd

Debraj Mukherjee

Managing Director



**Alpine Distilleries Pvt. Ltd.**

CIN U51909WB2002PTC095415

Registered Office & Manufactory

Mouza : Nagarpara & Meghsar

Village & Post : Mahanad

P.S.: Polba, District : Hooghly

Pin : 712 149, West Bengal, India

Telephone : (03213) 263052 / 263053

E-mail: info@alpinedistilleries.co.in



To  
The Panchayat Pradhan  
Mahanad Gram Panchayat  
Vill & P.o.- Ramnathpur, P.s-Polba  
Dist-Hooghly, West Bengal-712148

Date: 26.04.2023

Sub: - Information regarding Grant of Environmental Clearance

Ref.:- EC identification No.- EC23A022WB159502, dated 19.04.2023

Respected Sir,

We would happy to inform you, that we have grant of Environmental Clearance (EC) in our project Expansion of Grain based Distillery from 60 KLPD to 285KLPD along with Cogeneration Power Plant from 3MW to 10MW under Ethanoi Blending Program at Village Mahanad, Block Polba-Dadpur, Polba, District-Hooghly, West Bengal by M/s. Alpine Distilleries Pvt Ltd.  
For your reference we enclosed EC Copy.

Thanking You,

Yours Faithfully,

For, M/s. Alpine Distilleries Pvt Ltd

Debraj Mukherjee

Managing Director



**Alpine Distilleries Pvt. Ltd.**

CIN U51909WB2002PTC095415

Registered Office & Manufactory :

Mouza : Nagarpara & Meghsar

Village & Post : Mahanad

P.S.: Polba, District : Hooghly

Pin : 712 149, West Bengal, India

Telephone : (03213) 263052 / 263053

E-mail: info@alpinedistilleries.co.in

# **Annexure-27**



### Our Story

Alpha Cellulose Pvt. Ltd (ACPL) was incorporated in 2012 with ISO 9001 certification and ISO 14001 certification. The main objective of the company is to manufacture of Green based Cellulose (GBC) and its Products. The head office and factory of the company is situated at Village, K. Post - Mahulda PS - Purbas Chakra - Hooghly West Bengal - 721448



### Corporate & Social Responsibility

The Company's CSR is in alignment with the APIC Group Core values - Education, Health, Livelihood, Hand and other infrastructure. Besides, it also contributes its resources in the areas of sports and environment, all aimed at improving the quality of life of the communities.



#### CAREER

### Join to drive mission forward

The team we need is one that is based on sustainable development and mobility. We will be open to the candidates who are passionate about renewable and natural energy for people in the form of ethanol, PMA, will be electricity based on our productivity and



### Annual Environment Statement

The Alpinedistilleries Group has consistently made careful to preserve and take care of the environment. Through its integrated HSE Policy developed at the State Pollution Control Board and Central Pollution Control Board, the group initiates top-notch environmental pollution control technology.

[DOWNLOAD ENVIRONMENTAL STATEMENT](#)

[Environment Statement 2020- 2022](#) (Click here)

[Environment Statement 2023- 2024](#) (Click here)

### Scope of Certification



### MOEF & CC COMPLIANCES DOWNLOAD ENVIRONMENTAL COMPLIANCES

#### 2022- 2023

State Report April 2022 to September 2023  
State Report Oct 2022 to March 2023

#### 2023-2024

State Report April 2023 to September 2023  
State Report Oct 2023 to March 2024

#### 2024-2025

State Report April 2024 to September 2024  
State Report October 2024 to March 2025

Get in Touch



+91 9880130222  
Mon - Fri 9am - 5pm

# **Annexure-28**





# **Annexure-29**

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/storage/facilitation of IMPL (Indian Made Foreign Liquor) 1,800 KL/month  
and installation of 2 nos. D.G. Set of capacity 15 KVA & 250 KVA (both Green DG)

at Plot/Dag no: 254, 259, 260, 262, 275, 389, Kh: 1095, Jt: 2, Mouza: Meghsar, P.O. & G.P.

Mahanad, under Polba P.S., Dist.- Hooghly, Pin - 712 149.

this is to inform you that this Board hereby grants the Consent to Establish (NOC) from the environmental point  
of the above subject to the following conditions and special conditions annexed.

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

NO. 159725

7 You shall comply with

- (i) Water (Prevention and Control of Pollution) Cess Act, 1977, if applicable.
- (ii) Water (Prevention and Control of Pollution) Cess Act, 1978, if applicable.
- (iii) Environment (Protection) Act, 1986
- (iv) Environment (Protection) Rules, 1986
- (v) Hazardous Wastes (Management and Handling) Rules, 1989 and Amended Rules, 2000
- (vi) Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 and Amended Rules, 2000
- (vii) Manufacture, Use, Import and Storage and Hazardous Micro Organisms, Genetically Engineered Organisms or Cells 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

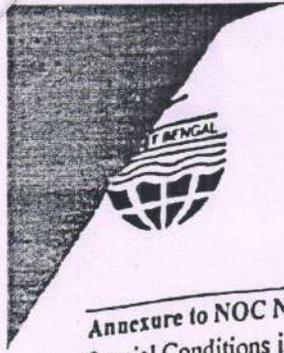
10, Camac Street  
2nd Floor  
Kolkata-700 017

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 : [wbpcebnet@cal3.vsn](mailto:wbpcebnet@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 :-

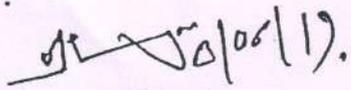
- 1) Process / wash - to be discharged to panchayet drain through ETP, as proposed.
- 2) Domestic - to be discharged through septic tank to panchayet drain.

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

# WEST BENGAL POLLUTION CONTROL BOARD

'Paribesh Bhawan'

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

Salt Lake City, Kolkata-700 098



Consent Letter Number : CO128999

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

Date : 13/11/2020

## Consent to Operate

under

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

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

M/s. Alpine Distilleries Pvt. Ltd.

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

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

Mouza - Nagaspara, T.L. No. 1, Mouza - Meghsar, T.L. No. - 2,

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

(Detailed address of the manufacturing unit)

for a period from Date of issue to 31/10/2025

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

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

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

For and on behalf of the State Board

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

Mandi  
13/11/20  
Environmental Engineer



## ANNEXURE

Consent to M/s. Alpine Distilleries Pvt. Ltd.  
 for its unit at Mouza - Nagarpara, T.L. No. 1, Mouza - Meghasar, Tah. No. 2,  
Vill. & P.O. - Mahanad, P.S. - Polka, Dist - Hooghly, Pin - 712149

**Conditions :**

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

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

02. The Applicant shall remain responsible for quantity and quality of liquid effluent and air emissions.
03. Daily discharge of industrial liquid effluent shall not exceed recycled KL.
04. Daily discharge of domestic liquid effluent shall not exceed 8 KL.
05. Daily discharge of mixed (industrial & domestic) liquid effluent shall not exceed 335 KL.
06. The Applicant shall discharge liquid effluent to through BTP to Panchayet Drain (place of discharge) through 01 (one) nos. outlets / outfalls.
07. To bring into any altered or new outlet/outfall or to change the place of discharge, the Applicant shall have to inform the Board and obtain prior permission of the Board in this effect.
08. The Applicant shall provide comprehensive facility for treatment of industrial liquid waste and domestic liquid waste (sewage, sullage and liquid effluent generated from canteen), and operate and maintain the same continuously so that the quality of final effluent conforms to the Standard as given in Table-I in page 03.

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

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



Consent to M/s Alpine Distilleries Pvt. Ltd.

for its unit at Mouza - Nagarpara, TL No. - 1, Mouza - Meghsar, TL No. 2  
Vill & P.O. - Mahanad, P.S. - Polba, Dist - Hooghly, Pin - 712149

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

Table-II

| Stack No. | Stack height from G.L., (in mts.) | Stack attached to (sources and control system, if any):           | Volume Nm <sup>3</sup> /hr. | Velocity of gas emission m/sec. | Concentrations of parameters not to exceed |           |  |  | Frequency of emission sampling |
|-----------|-----------------------------------|---|-----------------------------|---------------------------------|--|-----------|--|--|--------------------------------|
|           |                                   |   |                             |                                 | SPM (mg/Nm <sup>3</sup> )                  | CO (%v/v) |  |  |                                |
| S-1       | 40                                | Boiler (coal fired)<br>- One no. (25 TPH)<br>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

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.  
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Kolkata, West Bengal

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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.

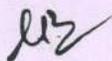
7.0 Based on the information submitted by the project proponent, the Ministry of Environment, Forests and Climate Change hereby accords environmental clearance to above project under the provisions of EIA Notification dated 14<sup>th</sup> September 2006, subject to the compliance of the following Specific 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.

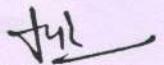
- viii. Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.
- ix. The company 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, Chandrashekharpur, Bhubaneswar - 751 023, Orissa.
5. Monitoring Cell, Ministry of Environment and Forests, Paryavaran Bhavan, CGO Complex, New Delhi.
6. Guard File / Record File/ Notice Board.



(Lalit Bokolia)  
Additional Director

## PICTORIAL EVIDENCE

### 1. Ambient Air Quality Monitoring-



### 2. Stack Gas Monitoring:



### 3. Noise Quality Monitoring-



### 4. Water Quality Monitoring-

