

Date : 30.11.2024

Regional Officer

Integrated Regional Office
Ministry of Environment, Forest and Climate Change
IB-198, Broadway Road,
IB Block, Sector iii, Bidhannagar
Kolkata-700106
Email : iro,Kolkata-mefcc@gov.in

Sub: Compliance Report submission for the (Period: April 2024 to September 2024)".

Ref: File No: J-11011/337/2013-IA-II(I) dated 05.09.2023

Sir,

With reference to the above kindly find the attached files herewith the six monthly (half-yearly) compliance report for the project "Expansion of Grain based distillery from 240 KLPD to 340 KLPD & 8 MW Co-generation Power Plant under Ethanol blending programme at Plot no. B7, B5B/B & B9 Industrial Park, Panagarh, Tehsil Ausgram-II, District Purba Bardhaman, West Bengal by M/s. Globus Spirits Limited".

The Project is not yet started for Operation However, Operational stage will be informed accordingly.

Please acknowledge same.

Thanking you,

Copy to:

1. Member Secretary, CPCB – for information please
2. Member Secretary, WBPCB – for information please

Yours faithfully,

GLOBUS SPIRITS LIMITED


Authorised Signatory

Globus Spirits Limited

(Corporate Identity Number: L74899DL1993PLC052177)

Registered & Corporate Office:

F-0, Ground Floor, The Mira Corporate Suites, Plot No. 1 & 2, Ishwar Nagar, Mathura Road, New Delhi 110065 Tel.: +011-66424400

Works(1): Village: Shyampur, Tehsil: Behror 301701 Distt.: Alwar (Rajasthan) Tel.: +91-08003592097

Works(2): Haryana Organics (A Unit of Globus Spirits Limited) 4 KM., Chulkana Road, Samalkha 132101 Distt.: Panipat (Haryana) Telefax: +91-180-2570122

Works(3): Associated Distilleries (A Unit of Globus Spirits Limited) Hisar Bye-Pass, National Highway, Hisar 125044 (Haryana) Tel.: +91-09896398187

Works(4): Village: Dhandua, Tehsil: Jandaha, Hajipur 844505 Distt.: Vaishali (Bihar) Tel.: +91-9917437425

Works(5): Plot No. B-7, Panagarh Industrial Park, Panagarh 713420 Distt.: Burdwan (West Bengal) Tel.: +91-9800297777

Works(6): Village : Olda, Block Baharagora, Tehsil: Ghatshila, Post: Borsol, Distt: East Singhbhum, Jharkhand Mob.: +91-9717844388

E-Mail: corpoffice@globusgroup.in Web: www.globusspirits.com

HALF YEARLY COMPLIANCE REPORT

AS PER CONDITION STIPULATED IN

ENVIRONMENTAL CLEARANCE

LETTER NO- J-11011/337/2013-IA-II(I) dated 05.09.2023

COMPLIANCE PERIOD: APRIL 2024 TO SEPTEMBER 2024

For

Expansion of Grain based distillery from 240 KLPD to 340 KLPD & 8 MW Co-generation Power Plant under Ethanol blending programme at Plot no. B7, B5B/B & B9 Industrial Park, Panagarh, Tehsil Ausgram-II, District Purba Bardhaman, West Bengal by M/s. Globus Spirits Limited

AT

**PANAGARH INDUSTRIAL PARK, (WBIDC)
PANAGARH, PURBA BARDHAMAN,
WESTBENGAL**



PROJECT PROPONENT

M/S GLOBUS SPIRITS LIMITED,

**Plot no B7, Industrial Park, Panagarh, Tehsil Ausgram- II, District Purba
Bardhaman, West Bengal**

Project Name: Expansion of Grain based distillery from 240 KLPD to 340 KLPD & 8 MW Co-generation Power Plant under Ethanol blending programme at Plot no. B7, B5B/B & B9 Industrial Park, Panagarh, Tehsil Ausgram-II, District Purba Bardhaman, West Bengal by M/s. Globus Spirits Limited.

Status of Environment Compliance with stipulation as laid down by MoEF& CC vide Letter No. J-11011/337/2013-IA II (I) dated 05th September, 2023

Compliance Period: April 2024 to September 2024

I Operation Phase

A. Specific Conditions

S. No.	Condition of EC	Compliance Status of Action Plan
i)	1.As per the Notification S.O. 2339(E), dated 16th June, 2021, project falls in category B2 and the proposed capacity of 100 KLPD shall only be used for fuel ethanol manufacturing as per self certification in form of a notarized affidavit by the Project Proponent. Provided that subsequently if it is found that the ethanol, produced based on the EC granted as per this dispensation, is not being used completely for EBP Programme, or if ethanol is not being produced, or if the said distillery is not fulfilling the requirements based on which the project has been appraised as category B2 project, the EC shall stand cancelled.	Agreed. The Project started for construction. However, in the operation stage of the project the conditions will be fulfilled. The CTE of the project is attached as annexure.
ii)	The company shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be implemented Annexure -III .	Agreed
iii)	EC granted for a project on the basis of the submitted documents shall become invalid in case the actual land for the project site turns	Agreed

S. No.	Condition of EC	Compliance Status of Action Plan
	out to be different from the land considered at the time of appraisal of project. Conversion of land use (CLU) certificate shall be obtained before start of construction activities.	
iv)	NOC from the Concerned Local authority shall be obtained before start of the construction of plant and drawing water from ground water. State Pollution Control Board shall not issue the Consent to Operate (CTO) under Air (Prevention and Control of Pollution) Act and Water (Prevention and Control of Pollution) Act till the project proponent shall obtain such permission. No ground water shall be used for the plant operations	Agreed, CTE Certificate is already obtained which is attached as annexure. However, in the time of operational stage CTO certificate will be taken from concern pollution control Board.
v)	Total Fresh water requirement after expansion shall not exceed 1227 m ³ /day which will be met from ground Water. No ground water recharge shall be permitted within the premises. Industry shall construct a rain water storage pond of 60 days capacity and the accumulated water to be used as fresh water thereby reducing fresh water consumption	Agreed an will be maintained in the operational stage.
vi)	Spent Wash/stillage shall be sent to the decanter followed by the Multiple Effect Evaporator and dryer to form DDGS. DDGS to be used as cattle feed. The MEE & Drier condensate, spent lees, WTP Rejects, Boiler & Cooling tower blowdowns, washings etc., shall be treated in the 'Condensate Polishing Unit' (CPU). STP shall be installed to treat domestic wastewater. The plant will be based on 'Zero Liquid Discharge' system and no effluent/treated water will be discharged outside factory premises	Agreed
vii)	APCE ESP (5 field) with 60 meters high stack	Agreed

S. No.	Condition of EC	Compliance Status of Action Plan
	shall be installed with the Rice Husk / Coal (with 15% coal usage as auxiliary fuel) fired 35 TPH & 40 TPH boiler for controlling the particulate matter emissions within the statutory limit of 30 mg/Nm ³ . SO ₂ and NO _x emissions shall be less than 100 mg/Nm ³ . At no time, the emission levels shall exceed 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. Performance assessment of pollution control devices/ systems will be conducted annually.	
viii)	Boiler ash (144 TPD) generated from the coal-based operation are/will be supplied to cement manufacturers and Fly Ash (78 TPD) generated from biomass-based operation will be given to brick manufacturers for brick manufacturing in covered vehicles only. PP shall use Rice Husk /Coal (for startup only) as fuel for the proposed boiler. Low sulphur coal with maximum sulphur content of 0.5% shall only be used. PP shall meet 15% of the total power requirement from solar power by generating power inside plant premises/adjacent/nearby areas.	Agreed
ix)	CO ₂ (245 TPD) generated during the fermentation process is being/will be collected and sold to authorized vendors as per local demand	Agreed
x)	PP shall allocate at least Rs. 0.5 Crore/annum for Occupational Health Safety. Occupational Health Centre for surveillance of the worker's health shall be set up. The health data shall be used in deploying the duties of the workers. All workers & employees shall be provided with	Agreed

S. No.	Condition of EC	Compliance Status of Action Plan
	required safety kits/mask for personal protection.	
xi)	Training shall be imparted to all employees on safety and health aspects of chemicals handling. Safety and visual reality training shall be provided to employees.	Agreed
xii)	The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire fighting system shall be as per the norms. PESO certificates shall be obtained. Location of ethanol storage tanks shall be placed in such a way that in the event of any fire, accident, explosion or any unforeseen conditions the impact of such event should not go beyond the boundary of the plant i.e. the risk should be tolerable (acceptable) at the boundary	Agreed
xiii)	Organic residue and spent carbon, if any, shall be sent to Cement and other suitable industries for its incinerations. ETP sludge, process inorganic & evaporation salt shall be disposed of to the TSDF.	Agreed
xiv)	The company shall undertake waste minimization measures as below (a) Metering and control of quantities of active ingredients to minimize waste; (b) Reuse of by-products from the process as raw materials or as raw material substitutes in other processes. (c) Use of automated filling to minimize spillage. (d) Use of Close Feed system into batch reactors. (e) Venting equipment through vapor recovery system. (f) Use of high pressure hoses for equipment clearing to reduce wastewater generation.	Agreed
xv)	The green belt of at least 5-10 m width shall be developed in nearly 4.0 hectares i.e., 33 % of the total project area with tree density @	Agreed

S. No.	Condition of EC	Compliance Status of Action Plan
	2500 trees per hectares, mainly along the plant periphery. Indigenous species shall only be developed as part of greenbelt and non-indigenous alien species shall be replaced with native species. No invasive or alien or non-native tree species shall be selected for plantation. PP shall develop at least 20 variety of species as a part of greenbelt. Saplings 4-6 feet high shall be planted. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department and native species shall be developed. Records of tree canopy shall be monitored through remote sensing map. Greenbelt development shall be completed before commissioning of the plant. Additional 20.0m wide green belt shall be provided towards Khandari R.F.	
xvi)	PP proposed to allocate Rs. 0.50 Crores towards Extended EMP (CER) which shall be spent as submitted in CER plan Annexure – IV. Further, all the proposed activities under CER shall be completed before the commissioning of the plant in consultation with District Administration	Agreed
xvii)	There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products and no parking to be allowed outside on public places. Out of the total project area, 15% shall be allotted solely for parking purposes with facilities like rest rooms etc. The Connecting road from project site to nearest state highway will be maintained by plant. No direct entry and exit of vehicles to/from highway is permitted. Entry and exit of vehicles from the Highway shall be through slip road	Agreed

S. No.	Condition of EC	Compliance Status of Action Plan
xviii)	Storage of raw materials shall be either in silos or in covered areas to prevent dust pollution and other fugitive emissions. All stockpiles should be constructed over impervious soil and garland drains with catch pits to trap runoff material shall be provided. Biomass shall be stored in covered sheds and wind breaking walls/curtains shall be provided around biomass storage area to prevent its suspension during high wind speed. All Internal roads shall be paved. Industrial vacuum cleaner shall be provided to sweep the internal roads. The Air Pollution Control System shall be interlocked with process plant/machinery for shutdown in case of operational failure of Air Pollution Control Equipment.	Agreed
xix)	Continuous online (24x7) monitoring system for stack emissions/effluent shall be installed for measurement of flue gas discharge and the pollutants concentration, and the data to be transmitted to the CPCB and SPCB server. For online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises.	Agreed
xx)	A separate Environmental Management Cell (having qualified person with Environmental Science/ Environmental Engineering/ specialization in the project area) equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions. EMC head shall report directly to Head of Organization/ Director/CEO as per company hierarchy	Agreed
xxi)	PP shall sensitize and create awareness	Agreed

S. No.	Condition of EC	Compliance Status of Action Plan
	among the people working within the project area as well as its surrounding area on the ban of Single Use Plastic in order to ensure the compliance of Notification published by MOEFCC on 12th August, 2021. A report along with photographs on the measures taken shall also be included in the six-monthly compliance report being submitted to concerned authority	
B.	General Condition	
i)	No further expansion or modifications in the plant, other than mentioned in the EIA Notification, 2006 and its amendments, shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change/SEIAA, as applicable. 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/SEIAA, as applicable, to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	Agreed
ii)	The energy source for lighting purpose shall be preferably LED based, or advanced having preference in energy conservation and environment betterment	Agreed
iii)	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 the Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).	Agreed
iv)	The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. CER activities shall be undertaken by involving local villages and administration and shall be implemented. The company shall undertake eco-developmental measures including	Agreed

S. No.	Condition of EC	Compliance Status of Action Plan
	community welfare measures in the project area for the overall improvement of the environment.	
v)	The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/pollution control measures shall not be diverted for any other purpose.	Agreed
vi)	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zilla Parishad/Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal.	Agreed
vii)	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF&CC, the respective Zonal Office of CPCB and SPCB. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.	Agreed
viii)	The environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective Regional Offices of MoEF&CC	Agreed

S. No.	Condition of EC	Compliance Status of Action Plan
	by e-mail	
ix)	The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry and at https://parivesh.nic.in/ . This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.	Agreed . The paper advertisement of the EC is attached as annexure.
x)	The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.	Agreed
xi)	This Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.	Agreed

**CTE (Consent to Establish)
Certificate**

NOC NO183614

WEST BENGAL POLLUTION CONTROL BOARD

Paribesh Bhawan
10A, Block-LA, Sector-III
Bidhannagar, Kolkata-700106



Memo No. 799 - 2N-09/2020 (E)

Dated 21.11.2023

From :
Member Secretary,
West Bengal Pollution Control Board

To: Shri Bhaskar Roy, Director,
M/s. Globus Spirits Limited,
J-1897, FF Chittaranjan Park, New Delhi - 110019.

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

Ref: i) Your letter No. Application No. 4245854 Dated 11.09.2023
ii) Env. Clearance issued by MOEF&CC vide EC Identification No. EC
23C2505WB5791745N, F.No. J-11011/337/2013-IA-II(I) dtd. 05.09.23

Dear Sirs,

In response to the application for Consent to Establish (NOC) for proposed expansion of Grain based distillery from 240KLPD to 340KLPD & 8 MW Co-generation Power Plant under Ethanol blending programme at Plot No. B7, B5B/B & B9 Industrial Park, Panagarh, Tehsil-Ausoram-II, Dist.-Purba Bardhaman, West Bengal by M/s. Globus Spirits Limited.

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

1. The quality of sewage and trade effluent to be discharged from your factory shall satisfy the permissible limits as prescribed in IS : 2490 (Pt. I) of 1974, and/or its subsequent amendment and Environment (Protection) Rules 1986.
2. Suitable measures to treat your effluent shall be adopted by you in order to reduce the pollutional load so that the quality of the effluent satisfies the standards mentioned above.
3. You shall have to apply to this Board for its consent to operate and discharge of sewage and trade effluent according to the provisions of the water (Prevention & Control of Pollution) Act, 1974. No sewage or trade effluent shall be discharged by you without prior consent of this Board.
4. All emission from your factory shall conform to the standards as laid 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.

Mukherjee
20/11/2023
Chief Engineer
W. B. Pollution Control Board
Dept. of Environment, Govt. of W.B.

Land Possession Certificate



WEST BENGAL INDUSTRIAL DEVELOPMENT CORPORATION LTD.

(A GOVERNMENT OF WEST BENGAL UNDERTAKING)

"PROTITI", 23, Abanindranath Thakur Sarani (Camac Street), Kolkata - 700 017

Phone : +91 33 2255 3700-705, Fax : +91 33 2255 3737

E-mail : wbidc@wbidc.com Web : www.wbidc.com

Corporate Identity Number : U75142WB1967SGC026988

No. WBIDC/Panagarh/PP/11-12/2083

30th January 2023

POSSESSION CERTIFICATE

I, Sri Harish, Executive Director, West Bengal Industrial Development Corporation Limited, 'PROTITI' 23, Abanindranath Tagore Sarani, Kolkata - 700 017 do hereby hand over the possession of 6.084 acres of land as per schedule below on this date, to M/s Globus Spirits Limited., F-O, Ground Floor, The Mira Corporate Suites, Plot No. 1 & 2, Ishwar Nagar, Mathura Road, New Delhi - 110065 for expansion of "200 KLPD Distillery Unit".

LOCATION

Panagarh Industrial Park, PS: Galsi, District: Paschim Bardhaman.

Sector Map, Index Map, Mouja Map & Land Schedule attached showing the area of Plot No. B9.

SCHEDULE

Plot : "B9"

Area : 6.084 acres

Possession of 6.084 acres of land as per schedule above delivered to M/s Globus Spirits Limited., F-O, Ground Floor, The Mira Corporate Suites, Plot No. 1 & 2, Ishwar Nagar, Mathura Road, New Delhi - 110065 by me today.	Possession of 6.084 acres of land as per schedule above received by me today.
	 GLOBUS SPIRITS LIMITED Authorized Signatory
(Harish), IFS Executive Director West Bengal Industrial Development Corporation Limited. 'PROTITI' 23, Abanindranath Tagore Sarani, Kolkata - 700 017	M/s Globus Spirits Limited. F-O, Ground Floor, The Mira Corporate Suites, Plot No. 1 & 2, Ishwar Nagar, Mathura Road, New Delhi - 110065



WEST BENGAL INDUSTRIAL DEVELOPMENT CORPORATION LTD.

(A GOVERNMENT OF WEST BENGAL UNDERTAKING)

"PROTITI", 23, Abanindranath Thakur Sarani (Camac Street), Kolkata - 700 017

Phone : +91 33 2255 3700-705, Fax : +91 33 2255 3737,

E-mail : wbidc@wbidc.com www.wbidc.com

No. WBIDC/Panagarh/PP/10-11/603

18th June 2014

PERMISSIVE POSSESSION CERTIFICATE

I, Sri S. P. Yadav, Executive Director, West Bengal Industrial Development Corporation Limited, 'PROTITI' 23, Abanindranath Tagore Sarani, Kolkata - 700 017 do hereby hand over the permissive possession of 18.81 acres (eighteen acres & eighty one decimal) of land as per schedule below on this date, to M/s. Globus Spirits Limited, A - 46, Friends Colony (East), New Delhi - 110065 for setting up of a "120 KLPD Distillery Manufacturing Unit".

LOCATION

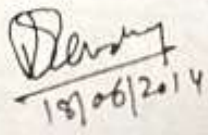
Panagar Industrial Park, PS: Panagarh, District: Burdwan.

Sector map & Index map attached showing the area of Plot B7.

SCHEDULE

Plot : "B7"

Area : 18.81 acres (eighteen acres & eighty one decimal).

Permissive Possession of 18.81 acres (eighteen acres & eighty one decimal) of land as per schedule above delivered to M/s. Globus Spirits Limited, A - 46, Friends Colony (East), New Delhi - 110065 by me today.	Permissive Possession of 18.81 acres (eighteen acres & eighty one decimal) of land as per schedule above received by me today.
 18/06/2014	 18/06/2014
(S. P. Yadav) Executive Director West Bengal Industrial Development Corporation Limited, 'PROTITI' 23, Abanindranath Tagore Sarani, Kolkata - 700 017	K. P. Pandey Sr. Vice President M/s. Globus Spirits Limited, A - 46, Friends Colony (East), New Delhi - 110065

original Document Send to H.O
for Land mortgage



WEST BENGAL INDUSTRIAL DEVELOPMENT CORPORATION LTD.

(A GOVERNMENT OF WEST BENGAL UNDERTAKING)
"PROTITI", 23, Abanindranath Thakur Sarani (Camac Street), Kolkata - 700 017
Phone : +91 33 2255 3700-705, Fax : +91 33 2255 3737
E-mail : wbidc@wbdc.com Web : www.wbidc.com
Corporate Identity Number : U75142WB1967SGC026988

No. WBIDC/Panagarh/PP/11-12/3434

8th February 2021

POSSESSION CERTIFICATE

I, Sri P. Kamalakanth, Executive Director, West Bengal Industrial Development Corporation Limited, 'PROTITI' 23, Abanindranath Tagore Sarani, Kolkata - 700 017 do hereby hand over the possession of 5 (five) acres of land as per schedule below on this date, to M/s Globus Spirits Limited., F-O, Ground Floor, The Mira Corporate Suites, Plot No. 1 & 2, Ishwar Nagar, Mathura Road, New Delhi - 110065 for expansion of "existing distillery unit from 120 KLPD to 240 KLPD and setting up a new 4 MW Captive Power Generation Unit".

LOCATION

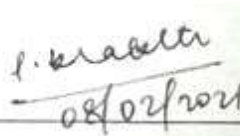
Panagarh Industrial Park, PS: Galsi, District: Paschim Bardhaman.

Sector Map, Index Map, Mouja Map & Land Schedule attached showing the area of Plot No. B5B/B.

SCHEDULE

Plot : "B5B/B"

Area : 5.00 acres

Possession of 5.00 acres of land as per schedule above delivered to M/s Globus Spirits Limited., F-O, Ground Floor, The Mira Corporate Suites, Plot No. 1 & 2, Ishwar Nagar, Mathura Road, New Delhi - 110065 by me today.	Possession of 5.00 acres of land as per schedule above received by me today.
	For Globus Spirits Limited  Authorised Signatory
(P. Kamalakanth) Executive Director West Bengal Industrial Development Corporation Limited, 'PROTITI' 23, Abanindranath Tagore Sarani, Kolkata - 700 017	M/s Globus Spirits Limited. F-O, Ground Floor, The Mira Corporate Suites, Plot No. 1 & 2, Ishwar Nagar, Mathura Road, New Delhi - 110065

Paper Advertisement

TIMES *interact*

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LAL DIGHI, B.B.D. BAGH,
KOLKATA, WEST
BENGAL 700001, INDIA

**SEPTEMBER 22ND
2023, 6 PM**

*Parking available
on the premises*

English News Paper "Telegraph"

NOTICE

This is to inform all
Concerned Department
that the MOEF is
granted EC in favour of
Globus Spirits Ltd. For
Expansion of grain based
distillery from 240 KLPD
to 340 KLPD at
Panagarh Indrila
Park Panagarh Purba
Burdwan, West Bengal.
Pin 713148 Copies of EC
are available with the
SPCB/ Committee and
website of ministry and
at [https:// parivesh.nic.in](https://parivesh.nic.in)
1004873 3549805

TENDER

**Paschim Bardhaman
Zilla R.M.C. Tenders**

N.I.T. No./ Tender

Reference No.-

PASBZPMC/SEC/

e-NIT-05/2023-24

PASBZPMC/SEC/

e-NIT-06/2023-24

PASBZPMC/SEC/

e-NIT-07/2023-24

Dated: 20/09/2023,
intending reputed

Executive Officer
Sarenga Panchaya
Samity
Sarenga :: Bankur

LIBRARY

Date-

Wanted 01 (One
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ra, Dist-Paschim
(W.B.) Eligibility
State Govt. rule
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SWAMI VIBEKAN

B.ED. COL
NCTE recogn
Vill- Aurangabad, P.O+P

Application are
B.Ed. College A
1) Bengali, 2) L
Qualification:-
** Interested
to our college

Environmental Monitoring Report

AMBIENT AIR QUALITY MONITORING REPORT



ASIA ENVIRO LAB

(An ISO 9001:2015, 14001:2015, 45001:2018 & CPCB Govt. Recognised Lab)

Job Description: Environmental Testing, ETP/STP Manufacturing, ETP/STP Plant Operation Pollution NOC Etc.

Lab - H1-837, Near Pollution Control Board, RIICO Industrial Area, Bhiwadi, Distt. Alwar (Rajasthan)-301019

Ph. No. : 01493-294022, 09694666022, Email : asiaenvirolab@gmail.com, Website : www.asiaenvirolab.com

Test Report

Report No.: AEL/GSL/09052024/AA/01	Reporting Date: 14/05/2024
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Issued to:
M/s Globus Spirits Limited
Plot No. B7, Panagarh Industrial Park,
Panagarh, Distt. - Purba Badhaman
West Bengal, Pin-713148

Sample I'd : AEL/GSL/090524/AA/01
Date : 09.05.2024
Period of testing : 09.05.2024 to 14.05.2024

SAMPLE PARTICULARS:

Type of the Sample	Ambient Air Sample
Date of Sampling	06.05.2024 to 07.05.2024
Point of Sample Collection	Project Site- I
Sample Collected By	Lab Rep.
Purpose of Analysis	Monitoring

SAMPLE OBSERVATIONS

Sampling flow rate (m ³ /min.)	1.15
Period of sampling (minutes)	1444.8
Total volume of air sampled (m ³)	1661.52

Sr. No.	Parameters	Unit	Results	Standards Limit as Per NAAQS	Test Protocol
1	Particulate Matter (PM ₁₀)	µg/m ³	78.8	100	IS: 5182, (P-23)
2	Particulate Matter (PM _{2.5})	µg/m ³	41.4	60	IS: 5182, (P-24)
3	Sulphur Dioxide (SO ₂)	µg/m ³	11.3	80	IS: 5182, (P-2)
4	Nitrogen Dioxide (NO ₂)	µg/m ³	36.2	80	IS: 5182, (P-6)
5	Carbon Monoxide (CO)	mg/m ³	0.98	4	IS: 5182, (P-10)
6	Hydrocarbon (HC)	mg/m ³	<1	N.S.	APHA-Air

Remarks: N.S. Not Specified, NAAQS- National Ambient Air Quality Standards

Checked By

Authorized Signatory



- Note: 1. The result listed refer only to the tested samples and applicable parameters.
2. Sample will be destroyed one month from the date of issue of test certificate.
3. Any complaints about this report should be communicated within 7 days of issue of this report.
4. The report is Not to be reproduced wholly or in part and can Not be used as an evidence in the Court of law and should Not be used in any advertising Media without our special permission in writing.



ASIA ENVIRO LAB

(An ISO 9001:2015, 14001:2015, 45001:2018 & CPCB Govt. Recognised Lab)

Job Description : Environmental Testing, ETP/STP Manufacturing, ETP/STP Plant Operation Pollution NOC Etc.

Lab - 111-037, Near Pollution Control Board, RICO Industrial Area, Bhiwadi, Distt. Alwar (Rajasthan)-301019

Ph. No. : 01493-294022, 09694666022, Email : asiaenvirolab@gmail.com, Website : www.asiaenvirolab.com

Test Report

Report No.: AEL/GSL/09052024/AA/02	Reporting Date: 14/05/2024
Issued to: M/s Globus Spirits Limited Plot No. B7, Panagarh Industrial Park, Panagarh, Distt. - Purba Badhaman West Bengal, Pin-713148	Sample I'd : AEL/GSL/090524/AA/02 Date : 09.05.2024 Period of testing : 09.05.2024 to 14.05.2024

SAMPLE PARTICULARS:	
Type of the Sample	Ambient Air Sample
Date of Sampling	06.05.2024 to 07.05.2024
Point of Sample Collection	Project Site- II
Sample Collected By	Lab Rep.
Purpose of Analysis	Monitoring

SAMPLE OBSERVATIONS	
Sampling flow rate (m³/min.)	1.16
Period of sampling (minutes)	1444.6
Total volume of air sampled (m³)	1675.7

Sr. No.	Parameters	Unit	Results	Standards Limit as Per NAAQS	Test Protocol
1	Particulate Matter (PM ₁₀)	µg/m ³	82.4	100	IS: 5182, (P-23)
2	Particulate Matter (PM _{2.5})	µg/m ³	38.4	60	IS: 5182, (P-24)
3	Sulphur Dioxide (SO ₂)	µg/m ³	12.6	80	IS: 5182, (P-2)
4	Nitrogen Dioxide (NO ₂)	µg/m ³	32.4	80	IS: 5182, (P-6)
5	Carbon Monoxide (CO)	mg/m ³	0.86	4	IS: 5182, (P-10)
6	Hydrocarbon (HC)	mg/m ³	<1	N.S.	APHA-Air

Remarks- N.S. Not Specified, NAAQS- National Ambient Air Quality Standards

Checked By

Authorized Signatory

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ASIA ENVIRO LAB

(An ISO 9001:2015, 14001:2015, 45001:2018 & CPCB Govt. Recognised Lab)

Job Description : Environmental Testing, ETP/STP Manufacturing, ETP/STP Plant Operation Pollution NOC Etc.

Lab - H1-837, Near Pollution Control Board, RIICO Industrial Area, Bhiwadi, Distt. Alwar (Rajasthan)-301019

Ph. No. : 01493-294022, 09694666022, Email : asiaenvirolab@gmail.com, Website : www.asiaenvirolab.com

Test Report

Report No.: AEL/GSL/09052024/AA/03	Reporting Date: 14/05/2024
Issued to: M/s Globus Spirits Limited Plot No. B7, Panagarh Industrial Park, Panagarh, Distt. - Purba Badhaman West Bengal, Pin-713148	Sample I'd : AEL/GSL/090524/AA/03 Date : 09.05.2024 Period of testing : 09.05.2024 to 14.05.2024

SAMPLE PARTICULARS:	
Type of the Sample	Ambient Air Sample
Date of Sampling	06.05.2024 to 07.05.2024
Point of Sample Collection	Village Kota
Sample Collected By	Lab Rep.
Purpose of Analysis	Monitoring

SAMPLE OBSERVATIONS	
Sampling flow rate (m ³ /min.)	1.12
Period of sampling (minutes)	1443.0
Total volume of air sampled (m ³)	1616.16

Sr. No.	Parameters	Unit	Results	Standards Limit as Per NAAQS	Test Protocol
1	Particulate Matter (PM ₁₀)	µg/m ³	68.0	100	IS: 5182, (P-23)
2	Particulate Matter (PM _{2.5})	µg/m ³	28.0	60	IS: 5182, (P-24)
3	Sulphur Dioxide (SO ₂)	µg/m ³	16.1	80	IS: 5182, (P-2)
4	Nitrogen Dioxide (NO ₂)	µg/m ³	28.4	80	IS: 5182, (P-6)
5	Carbon Monoxide (CO)	mg/m ³	0.62	4	IS: 5182, (P-10)
6	Hydrocarbon (HC)	mg/m ³	<1	N.S.	APHA-Air

Remarks- N.S. Not Specified, NAAQS- National Ambient Air Quality Standards

Checked By

Authorized Signatory

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ASIA ENVIRO LAB

(An ISO 9001:2015, 14001:2015, 45001:2018 & CPCB Govt. Recognised Lab)

Job Description : Environmental Testing, ETP/STP Manufacturing, ETP/STP Plant Operation Pollution NOC Etc.

Lab - H1-837, Near Pollution Control Board, RIICO Industrial Area, Bhiwadi, Distt. Alwar (Rajasthan)-301019

Ph. No. : 01493-294022, 09694666022, Email : asiaenvirolab@gmail.com, Website : www.asiaenvirolab.com

Test Report

Report No.: AEL/GSL/09052024/AA/04	Reporting Date: 14/05/2024
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Issued to: M/s Globus Spirits Limited Plot No. B7, Panagarh Industrial Park, Panagarh, Distt. - Purba Badhaman West Bengal, Pin-713148	Sample I'd : AEL/GSL/090524/AA/04 Date : 09.05.2024 Period of testing : 09.05.2024 to 14.05.2024
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SAMPLE PARTICULARS:	
Type of the Sample	Ambient Air Sample
Date of Sampling	06.05.2024 to 07.05.2024
Point of Sample Collection	Village Maro
Sample Collected By	Lab Rep.
Purpose of Analysis	Monitoring

SAMPLE OBSERVATIONS	
Sampling flow rate (m ³ /min.)	1.15
Period of sampling (minutes)	1446.0
Total volume of air sampled (m ³)	1662.9

Sr. No.	Parameters	Unit	Results	Standards Limit as Per NAAQS	Test Protocol
1	Particulate Matter (PM ₁₀)	µg/m ³	71.1	100	IS: 5182, (P-23)
2	Particulate Matter (PM _{2.5})	µg/m ³	35.0	60	IS: 5182, (P-24)
3	Sulphur Dioxide (SO ₂)	µg/m ³	18.0	80	IS: 5182, (P-2)
4	Nitrogen Dioxide (NO ₂)	µg/m ³	34.2	80	IS: 5182, (P-6)
5	Carbon Mono Oxide (CO)	mg/m ³	1.12	4	IS: 5182, (P-10)
6	Hydrocarbon (HC)	mg/m ³	<1	N.S.	APHA-Air

Remarks- N.S. Not Specified, NAAQS- National Ambient Air Quality Standards

Checked By

Authorized Signatory



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ASIA ENVIRO LAB

(An ISO 9001:2015, 14001:2015, 45001:2018 & CPCB Govt. Recognised Lab)

Job Description : Environmental Testing, ETP/STP Manufacturing, ETP/STP Plant Operation Pollution NOC Etc.

Lab - H1-637, Near Pollution Control Board, RILCO Industrial Area, Dhiwadi, Distt. Alwar (Rajasthan)-301019

Ph. No. : 01493-294022, 09694666022, Email : asiaenvirolab@gmail.com, Website : www.asiaenvirolab.com

Test Report

Report No.: AEL/GSL/09052024/AA/05	Reporting Date: 14/05/2024
Issued to: M/s Globus Spirits Limited Plot No. B7, Panagarh Industrial Park, Panagarh, Distt. - Purba Badhaman, West Bengal, Pin-713148	Sample I'd : AEL/GSL/090524/AA/05 Date : 09.05.2024 Period of testing : 09.05.2024 to 14.05.2024

SAMPLE PARTICULARS:	
Type of the Sample	Ambient Air Sample
Date of Sampling	06.05.2024 to 07.05.2024
Point of Sample Collection	Village Balarampur
Sample Collected By	Lab Rep.
Purpose of Analysis	Monitoring

SAMPLE OBSERVATIONS	
Sampling flow rate (m ³ /min.)	1.17
Period of sampling (minutes)	1447.2
Total volume of air sampled (m ³)	1693.2

Sr. No.	Parameters	Unit	Results	Standards Limit as Per NAAQS	Test Protocol
1	Particulate Matter (PM ₁₀)	µg/m ³	79.0	100	IS: 5182, (P-23)
2	Particulate Matter (PM _{2.5})	µg/m ³	46.3	60	IS: 5182, (P-24)
3	Sulphur Dioxide (SO ₂)	µg/m ³	15.5	80	IS: 5182, (P-2)
4	Nitrogen Dioxide (NO ₂)	µg/m ³	31.8	80	IS: 5182, (P-6)
5	Carbon Monoxide (CO)	mg/m ³	1.02	4	IS: 5182, (P-10)
6	Hydrocarbon (HC)	mg/m ³	<1	N.S.	APHA-Air

Remarks- N.S. Not Specified, NAAQS- National Ambient Air Quality Standards

Checked By

Authorized Signatory

Note: 1. The result listed refer only to the tested samples and applicable parameters.

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**National Accreditation Board for
Testing and Calibration Laboratories**

CERTIFICATE OF ACCREDITATION

ASIA ENVIRO LAB

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2017

**"General Requirements for the Competence of Testing &
Calibration Laboratories"**

for its facilities at

H1-837, PHASE-2, RIICO INDUSTRIAL AREA, BHIWADI, ALWAR, RAJASTHAN, INDIA

in the field of

TESTING

Certificate Number: TC-6004

Issue Date: 16/03/2023

Valid Until: 15/03/2025

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.

(To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

Name of Legal Identity : ASIA ENVIRO LAB

Signed for and on behalf of NABL



**N. Venkateswaran
Chief Executive Officer**



CPCB



LIFE
Lifestyle For
Environment



Speed Post
कृषि कृदम

केन्द्रीय प्रदूषण नियंत्रण बोर्ड

CENTRAL POLLUTION CONTROL BOARD

पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय भारत सरकार
MINISTRY OF ENVIRONMENT FOREST & CLIMATE CHANGE GOVT OF INDIA

Date: 01st December 2023

F. No. LB/99/7/2021-INST LAB-HO-CPCB-HO/Pvt./6645

Recognition Letter

To,

The Head of Laboratory,
M/s Asia Enviro Lab,
H1- 837, RIICO Industrial Area, Phase-II,
Distt. Alwar, Bhiwadi- 301019
Rajasthan.

Subject: Recognition of M/s Asia Enviro Lab, H1- 837, RIICO Industrial Area, Phase-II, Distt. Alwar, Bhiwadi- 301019, Rajasthan as Environmental laboratory under the Environmental (Protection) Act- 1986 – reg.

Sir,

With reference to your application dated 22/05/2023 along with acceptance of the terms & conditions of the guidelines for recognition of environmental laboratories under the Environmental (Protection) Act, 1986, submitted to Central Pollution Control Board (CPCB), the Competent Authority of CPCB has accorded approval for renewal of recognition of Environmental laboratory and Govt. Analysts. Subsequently, **M/s Asia Enviro Lab, H1- 837, RIICO Industrial Area, Phase-II, Distt. Alwar, Bhiwadi- 301019, Rajasthan** shall be notified considering the current requirement of mandatory accreditation / certifications of the laboratory **with a validity up to 03/02/2025** in the Gazette Notification of India.

2. The following analysts have been approved as Government Analysts:

1. Sh. Vikram Singh
2. Sh. Rohtash

3. The laboratory should compulsorily follow the accepted terms and conditions and may undertake the following tests:

- a) **Physical Tests**-Conductivity, Colour, pH, Fixed & Volatile Solids, Total Solids, Total Dissolved Solids, Total Suspended Solids, Turbidity, Temperature, Velocity & Discharge Measurement of Industrial Effluent Stream, Flocculation Test (Jar Test), Odour and Salinity.
- b) **Inorganic (General and Non-metallic)**: Acidity, Alkalinity, Ammonical Nitrogen, Chloride, Chlorine Residual, Dissolved Oxygen, Fluoride, Total Hardness, Total Kjeldahl Nitrogen (TKN), Nitrite Nitrogen, Nitrate Nitrogen, Phosphate, Sulphate, Carbon dioxide, Cyanide and Sulphide.
- c) **Inorganic (Trace Metals)**: Boron, Cadmium, Calcium, Total Chromium, Chromium Hexavalent, Copper, Iron, Lead, Magnesium, Mercury, Nickel, Potassium, Sodium, Sodium Absorption Ratio, Zinc, Aluminium, Manganese, Silver and Vanadium.
- d) **Organics (General) and Trace Organics**: Biochemical Oxygen Demand (BOD), Chemical Oxygen Demand (COD), Oil and Grease, Phenolic Compounds, Pesticides (each) (Organo-Chlorine and Organo Nitrogen-Phosphorus), Surfactants, Polynuclear Aromatic Hydrocarbon (PAH) and Organic Carbon (In Solid).
- e) **Microbiological Test**: Total Coliform, Faecal Coliform, *E. coli*, *Faecal Streptococci* and Total Plate Count.
- f) **Toxicological Tests**: Bioassay Method for Evaluation of Toxicity Using Fish (90% survival of fish after 96 hrs in 100% effluent) and Measurement of Toxicity Factor using Zebra Fish (Dimensionless Toxicity Test).
- g) **Characterization of Hazardous Waste**: Corrosivity, Ignibility (Flash Point) and Measurement of Heavy Metals/Pesticides in the Waste/Leachate.

Cont.

‘परिवेश भवन’ पर्वी अर्जुन नगर, दिल्ली-110032

Parivesh Bhawan, East Arjun Nagar, Delhi-110032

दूरभाष/Tel : 43102030, 22305792, वेबसाइट Website : www.cpcb.nic.in

- h) **Soil/Sludge/Sediment and Solid Waste:** Boron, Cation Exchange Capacity (CEC), Electrical Conductivity, Nitrogen (Available), Organic Carbon/Matter (Chemical Method pH, Phosphorous (Available), Phosphate (Ortho), Phosphate (Total), Potassium, SAR in Soil Extract, Sodium, Soil moisture, TKN, Calorific Value, Ammonia, Bicarbonate, Calcium, Chloride, Colour, Magnesium, Nitrate, Nitrite, Sulphate and Water Holding Capacity.
 - i) **Ambient Air/ Fugitive Emissions:** Nitrogen Dioxide (NO₂), Sulphur Dioxide (SO₂), Total Suspended Particulate Matter, Respirable Suspended Particulate Matter PM₁₀, Ammonia, Fluoride, Ozone and PM_{2.5}.
 - j) **Stack Gases/ Source Emission:** Particulate Matter, Sulphur Dioxide, Velocity & Flow, Carbon Dioxide, Carbon Monoxide, Temperature, Oxygen, Oxides of Nitrogen, Ammonia, Fluoride (Particulate), Fluoride (Gaseous), Hydrogen Sulphide and Carbon disulphide.
 - k) **Noise Level:** Noise Level Measurement (20-140 dBA) and Ambient Noise and Source Specific Noise.
 - l) **Meteorological:** Ambient Temperature, Wind Direction, Wind Speed, Relative Humidity and Rain Fall.
4. The laboratory shall compulsorily participate in the Analytical Quality Control (AQC) Exercise conducted by the CPCB to ascertain the capability of the laboratory and analysts. The lab shall submit quarterly progress report on the sample analysis carried out to CPCB.
 5. The surprise inspection / periodic surveillance of the recognized environment laboratory will be undertaken to assess its proper functioning systematic operation and reliability of data generated at the laboratory by a Joint Team as per the Notification.
 6. The laboratory should have the mandatory requisite accreditation and certificate of the ISO: 17025 and ISO:45001 as per rules. This recognition is subject to such accreditations and renewals as applicable and in case of serious non-compliance of any of the terms and conditions, the laboratory may be black listed for a minimum period of two years and civil/criminal proceedings, as applicable, may be initiated for performing functions on behalf of the Government in an unauthorized manner.
 7. **M/s Asia Enviro Lab, Alwar** is required to apply for further renewal of recognition through online using CPCB web portal (<https://cpcebepalab.in/epalab>) before expiry of recognition with mandatory accreditation / certification concerned.

Yours faithfully,

 11/12/23

(Dr. K. Ranganathan)
Scientist-E & Divisional Head
Instrumentation laboratory

डॉ. के. रंगनाथन / Dr. K. Ranganathan
वैज्ञानिक 'ई' / Scientist-E
प्रभावी जल एवं उपकरणिय प्रयोगशाला
Div. Head-Water & Instrumentation Laboratory
राष्ट्रीय प्रदूषण नियंत्रण बोर्ड
National Pollution Control Board
(Ministry of Environment, Government of India)
परिवेश विभाग
Parivesh Bhagavan



स्पीड पोस्ट

फा.सं. एलबी/99/7/2021-इंस्ट लैब-एचओ-सीपीसीबी-एचओ/ प्राइवेट/

दिनांक: 01 दिसम्बर 2023

मान्यता पत्र

सेवा में,

प्रयोगशाला प्रमुख,
मैसर्स एशिया एनवायरो लैब,
एच1- 837, रीको औद्योगिक क्षेत्र, चरण-2,
जिला:- अलवर, भिवाड़ी- 301019,
राजस्थान।

विषय : पर्यावरण (संरक्षण) अधिनियम, 1986 के अंतर्गत पर्यावरणीय प्रयोगशाला के रूप में मैसर्स एशिया एनवायरो लैब, एच1- 837, रीको औद्योगिक क्षेत्र, चरण-2, जिला:- अलवर, भिवाड़ी- 301019, राजस्थान की मान्यता के बारे में।

महोदय,

केन्द्रीय प्रदूषण नियंत्रण बोर्ड (के.प्र.नि.बोर्ड) को पर्यावरण (संरक्षण) अधिनियम, 1986 के अंतर्गत पर्यावरण प्रयोगशालाओं की मान्यता के लिए दिशानिर्देशों के निबंधन और शर्तों की स्वीकृति के साथ आपके दिनांक 22/05/2023 के प्रस्तुत आवेदन के संदर्भ में, के.प्र.नि.बोर्ड के सक्षम प्राधिकारी ने पर्यावरण प्रयोगशाला और सरकार के विश्लेषक की मान्यता के नवीनीकरण को अनुमोदन प्रदान किया है। तत्पश्चात, मैसर्स एशिया एनवायरो लैब, एच1- 837, रीको औद्योगिक क्षेत्र, चरण-2, जिला:- अलवर, भिवाड़ी- 301019, राजस्थान को भारत की राजपत्र अधिसूचना में प्रयोगशाला की अनिवार्य प्रत्यापन/प्रमाणन की वर्तमान अपेक्षा को ध्यान में रखते हुए दिनांक 03/02/2025 तक वैधता के साथ अधिसूचित किया जाएगा।

2. निम्नलिखित विश्लेषकों को सरकारी विश्लेषक के रूप में अनुमोदित किया गया है:

1. श्री विक्रम सिंह
2. श्री रोहताश

3. प्रयोगशाला अनिवार्य रूप से स्वीकृत निबंधन और शर्तों का पालन करते हुए निम्नलिखित परीक्षणों करेगी:

- i. **भौतिक परीक्षण**- चालकता, रंग, पी एच, स्थिर और वाष्पशील ठोस, कुल ठोस, कुल विलीन ठोस, कुल निर्लंबित ठोस, आविलता, तापमान और वेग एवं औद्योगिक बहिःस्राव धारा का विसर्जन मापन, ऊर्ध्व, गंध और लवणता।
- ii. **अकार्बनिक (सामान्य और गैर-धात्विक)**: अम्लता, क्षारीयता, अमोनिकल नाइट्रोजन, क्लोराइड, क्लोरीन अवशिष्ट, विलीन ऑक्सीजन, फ्लोराइड, कुल कठोरता, कुल केजेलडहल नाइट्रोजन (टीकेएन), नाइट्राइट नाइट्रोजन, नाइट्रेट नाइट्रोजन, फॉस्फेट, सल्फेट, कार्बन डाइऑक्साइड, साइनाइड और सल्फाइड।
- iii. **अकार्बनिक (सूक्ष्ममात्रिक धातु)**: बोरॉन, कैडमियम, कैल्शियम, क्रोमियम टोटल, क्रोमियम हेक्सावैलेंट, तांबा, लोहा, सीसा, मैग्नीशियम, पारा, निकल, पोटेशियम, सोडियम, सोडियम अवशोषण अनुपात, जिंक, एल्यूमीनियम, मैंगनीज, सिल्वर और वैनेडियम।
- iv. **ऑर्गेनिक्स (सामान्य) और ट्रेस ऑर्गेनिक्स**: बायोकेमिकल ऑक्सीजन डिमांड (बीओडी), केमिकल ऑक्सीजन डिमांड (सीओडी), तेल और ग्रीस, फिनोल, पीडकनाशी (प्रत्येक) (ऑर्गेनो - क्लोरीन और ऑर्गेनो नाइट्रोजन-फॉस्फोरस, सर्फेक्टेंट, पॉलीन्यूक्लेयर एरोमैटिक हाइड्रोकार्बन) पीएच और ऑर्गेनिक कार्बन (ठोस में)।
- v. **सूक्ष्मजीवविज्ञान परीक्षण**: कुल कोलीफॉर्म, विषा कोलीफॉर्म, फीकल स्ट्रेटोकोकी, ई. कोलाई और टोटल प्लेट काउंट।
- vi. **आविष विज्ञानी परीक्षण**: मछली का उपयोग करके विषाक्तता के मूल्यांकन के लिए जैव परख विधि (100% बहिःस्राव में 96 घंटे के बाद मछली का 90% जीवित रहना), जेबरा फिश (आयाम रहित विषाक्तता परीक्षण) का उपयोग करके विषाक्तता कारक का मापन।
- vii. **परिसंकटमय अपशिष्ट का लक्षण वर्णन**: संक्षारकता, ज्वलनशीलता (फ्लैश प्वाइंट) और निक्षालक में भारी धातुओं/पीडकनाशियों का मापन।

B

-जारी

‘परिवेश भवन’ पर्वी अर्जुन नगर, दिल्ली-110032

Parivesh Bhawan, East Arjun Nagar, Delhi-110032

दूरभाष/Tel : 43102030, 22305792, वेबसाइट/Website : www.cpcb.nic.in

- viii. **मृदा/आपक/तलछट और ठोस अपशिष्ट:** बोरॉन, कटियन एक्सचेंज क्षमता (सीईसी), विद्युत चालकता, नाइट्रोजन (उपलब्ध), कार्बनिक कार्बन/पदार्थ (रासायनिक विधि), पीएच, फॉस्फोरस (उपलब्ध), फॉस्फेट (ऑर्थो), फॉस्फेट (कुल), पोटेशियम, मृदा के अर्क में एसएआर, सोडियम, मृदा की नमी, टीकेएन, कैलोरी मान, अमोनिया, बाइकार्बोनेट, कैल्शियम, कैल्शियम, क्लोराइड, रंग, मैग्नीशियम, नाइट्रेट, नाइट्राइट, सल्फेट और जल धारण क्षमता।
 - ix. **परिवेशी वायु/पलायक उत्सर्जन:** नाइट्रोजन डाइऑक्साइड (एनओ₂), सल्फर डाइऑक्साइड (एसओ₂), कुल निलंबित विविक्त कण, श्वसन योग्य निलंबित विविक्त कण पीएम₁₀, अमोनिया, फ्लोराइड, ओजोन और पीएम_{2.5}।
 - x. **चिमनी गैसें/स्रोत उत्सर्जन: विविक्त कण,** सल्फर डाइऑक्साइड, वेग और प्रवाह, कार्बन डाइऑक्साइड, कार्बन मोनोऑक्साइड, तापमान, ऑक्सीजन, नाइट्रोजन के ऑक्साइड, एसिड धुंध, अमोनिया, फ्लोराइड (विविक्त), फ्लोराइड (गैसीय), हाइड्रोजन सल्फाइड और कार्बन डाइसल्फाइड।
 - xi. **रव (शोर) स्तर:** रव स्तर मापन (20-140 डीबीए) और परिवेश रव और स्रोत विशिष्ट रव।
 - xii. **मौसम संबंधी:** परिवेश का तापमान, हवा की दिशा, हवा की गति, सापेक्ष आर्द्रता और वर्षा।
 - xiii. **वाहनजनित उत्सर्जन अनुवीक्षण:** कार्बन मोनोऑक्साइड, धुआं घनत्व और हाइड्रोकार्बन तथा नाइट्रोजन के ऑक्साइड।
4. प्रयोगशाला और विश्लेषकों की क्षमता का पता लगाने के लिए प्रयोगशाला को के.प्र.नि.बोर्ड द्वारा आयोजित विश्लेषणात्मक गुणवत्ता नियंत्रण (एक्यूसी) अभ्यास में अनिवार्य रूप से भाग लेना होगा। प्रयोगशाला किए गए नमूना विश्लेषण पर के.प्र.नि.बोर्ड को तिमाही प्रगति रिपोर्ट प्रस्तुत करेगी।
 5. अधिसूचना के अनुसार, एक संयुक्त दल द्वारा मान्यताप्राप्त पर्यावरण प्रयोगशाला का औचक निरीक्षण/आवधिक निगरानी उसके उचित कामकाज, व्यवस्थित प्रचालन और प्रयोगशाला में तैयार किए गए आंकड़ों की विश्वसनीयता का निर्धारण करने के लिए की जाएगी।
 6. प्रयोगशाला के पास नियमानुसार ISO/IEC: 17025(2017) और IS/ISO: 45001 का अपेक्षित प्रत्यायन और प्रमाणपत्र होना चाहिए। यह मान्यता यथा लागू प्रत्यायन और नवीनीकरण के अधीन है और किसी भी निबंधन और शर्तों के गंभीर गैर-अनुपालन के मामले में, प्रयोगशाला को न्यूनतम दो साल की अवधि के लिए ब्लैकलिस्ट किया जा सकता है और सरकार की ओर से अनधिकृत तरीके से कार्य करने के लिए, यथा लागू सिविल/आपराधिक कार्यवाही शुरू की जा सकती है।
 7. **मैसर्स एशिया एनवायरो लैब,** संबंधित अनिवार्य प्रत्यायन/प्रमाणीकरण के साथ मान्यता की समाप्ति से पूर्व केंद्रीय प्रदूषण नियंत्रण बोर्ड के वेब पोर्टल (<https://cpcbepalab.in/epalab>) का उपयोग करके ऑनलाइन मान्यता के नवीनीकरण के लिए आवेदन करना अपेक्षित है।

भवदीय,
K. R. 11/12/23

(डॉ. के. रंगनाथन)
वैज्ञानिक-ई एवं प्रभाग प्रमुख
उपकरणीय प्रयोगशाला

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Central Pollution Control Board
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, भारत सरकार
(Ministry of Environment, Forest & Climate Change, Govt. of India)
परिवेश भवन, पूर्वी अर्जुन नगर, दिल्ली-110032
Parivesh Bhawan, East Arjun Nagar, Delhi-110032

AMBIENT NOISE QUALITY MONITORING REPORT



ASIA ENVIRO LAB

(An ISO 9001:2015, 14001:2015, 45001:2018 & CPCB Govt. Recognised Lab)

Job Description : Environmental Testing, ETP/STP Manufacturing, ETP/STP Plant Operation Pollution NOC Etc.

Lab - H1-837, Near Pollution Control Board, Rilco Industrial Area, Bhiwadi, Distt. Alwar (Rajasthan)-301019

Ph. No. : 01493-294022, 09694666022, Email : asiaenvirolab@gmail.com, Website : www.asiaenvirolab.com

Test Report

Report No.: AEL/GSL/09052024/AN/01	Reporting Date: 14/05/2024
Issued to: M/s Globus Spirits Limited Plot No. B7, Panagarh Industrial Park, Panagarh, Distt. - PurbaBadhaman West Bengal, Pin-713148	Sample I'd : AEL/GSL/090524/AN/01 Date : 09.05.2024

SAMPLE PARTICULARS:	
Type of the Sample	Noise Level Testing (Ambient Air)
Date of Sampling	06.05.2024 to 07.05.2024
Sample Collected By	Lab Rep.
Purpose of Analysis	Monitoring

Sr. No.	Sampling Location	Units	Results		Protocol Used
			Day	Night	
1.	Plant site (Near DG set)	dB(A)	73.4	61.0	IS 9989 (By Calculation):2014

Area Code	Category of Area/Zone	Limit as per E(P)A 1986 (The Noise Pollution Regulation & Control Rule, 2006) in dB (A) Leq.	
		Day Time	Night Time
A	Industrial Area	75	70
B	Commercial Area	65	55
C	Residential Area	55	45
D	Silence Zone	50	40

Note: - * Day time mean 6:00 am to 10:00 pm

** Night Time mean 10:00 pm to 6:00 am

Checked By

Authorized Signatory

- Note: 1. The result listed refer only to the tested samples and applicable parameters.
2. Sample will be destroyed one month from the date of issue of test certificate.
3. Any complaints about this report should be communicated within 7 days of issue of this report.
4. The report is Not to be reproduced wholly or in part and can Not be used as an evidence in the Court of law and should Not be used in any advertising Media without our special permission in writing.



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Test Report

Report No.: AEL/GSL/09052024/AN/02	Reporting Date: 14/05/2024
Issued to: M/s Globus Spirits Limited Plot No. B7, Panagarh Industrial Park, Panagarh, Distt. - PurbaBadhaman West Bengal, Pin-713148	Sample I'd : AEL/GSL/090524/AN/02 Date : 09.05.2024

SAMPLE PARTICULARS:	
Type of the Sample	Noise Level Testing (Ambient Air)
Date of Sampling	06.05.2024 to 07.05.2024
Sample Collected By	Lab Rep.
Purpose of Analysis	Monitoring

Sr. No.	Sampling Location	Units	Results		Protocol Used
			Day	Night	
1.	Plant site (Corner 1)	dB(A)	68.2	54.4	IS 9989 (By Calculation):2014

Area Code	Category of Area/Zone	Limit as per E(P)A 1986 (The Noise Pollution Regulation & Control Rule, 2006) in dB (A) Leq.	
		Day Time	Night Time
A	Industrial Area	75	70
B	Commercial Area	65	55
C	Residential Area	55	45
D	Silence Zone	50	40

Note: - * Day time mean 6:00 am to 10:00 pm

** Night Time mean 10:00 pm to 6:00 am

Checked By

Authorized Signatory



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Test Report

Report No.: AEL/GSL/09052024/AN/03	Reporting Date: 14/05/2024
Issued to: M/s Globus Spirits Limited Plot No. B7, Panagarh Industrial Park, Panagarh, Distt. - PurbaBadhaman West Bengal, Pin-713148	Sample I'd : AEL/GSL/090524/AN/03 Date : 09.05.2024

SAMPLE PARTICULARS:	
Type of the Sample	Noise Level Testing (Ambient Air)
Date of Sampling	06.05.2024 to 07.05.2024
Sample Collected By	Lab Rep.
Purpose of Analysis	Monitoring

Sr. No.	Sampling Location	Units	Results		Protocol Used
			Day	Night	
1.	Plant site (Corner 2)	dB(A)	65.4	51.3	IS 9989 (By Calculation):2014

Area Code	Category of Area/Zone	Limit as per E(P)A 1986 (The Noise Pollution Regulation & Control Rule, 2006) in dB (A) Leq.	
		Day Time	Night Time
A	Industrial Area	75	70
B	Commercial Area	65	55
C	Residential Area	55	45
D	Silence Zone	50	40

Note: - * Day time mean 6:00 am to 10:00 pm

** Night Time mean 10:00 pm to 6:00 am

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Authorized Signatory

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Test Report

Report No.: AEL/GSL/09052024/AN/04	Reporting Date: 14/05/2024
Issued to: M/s Globus Spirits Limited Plot No. B7, Panagarh Industrial Park, Panagarh, Distt. - PurbaBadhaman West Bengal, Pin-713148	Sample I'd : AEL/GSL/090524/AN/04 Date : 09.05.2024

SAMPLE PARTICULARS:	
Type of the Sample	Noise Level Testing (Ambient Air)
Date of Sampling	06.05.2024 to 07.05.2024
Sample Collected By	Lab Rep.
Purpose of Analysis	Monitoring

Sr. No.	Sampling Location	Units	Results		Protocol Used
			Day	Night	
1.	Plant site (Corner 3)	dB(A)	61.7	48.0	IS 9989 (By Calculation):2014

Area Code	Category of Area/Zone	Limit as per E(P)A 1986 (The Noise Pollution Regulation & Control Rule, 2006) in dB (A) Leq.	
		Day Time	Night Time
A	Industrial Area	75	70
B	Commercial Area	65	55
C	Residential Area	55	45
D	Silence Zone	50	40

Note: - * Day time mean 6:00 am to 10:00 pm
** Night Time mean 10:00 pm to 6:00 am

Neeraj
Checked By

Authorized Signatory
[Signature]
ASIA ENVIRO LAB
BHIWADI

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Ph. No. : 01493-294022, 09694666022, Email : asiaenvirolab@gmail.com, Website : www.asiaenvirolab.com

Test Report

Report No.: AEL/GSL/09052024/AN/05	Reporting Date: 14/05/2024
Issued to: M/s Globus Spirits Limited Plot No. B7, Panagarh Industrial Park, Panagarh, Distt. - PurbaBadhaman West Bengal, Pin-713148	Sample I'd : AEL/GSL/090524/AN/05 Date : 09.05.2024

SAMPLE PARTICULARS:	
Type of the Sample	Noise Level Testing (Ambient Air)
Date of Sampling	06.05.2024 to 07.05.2024
Sample Collected By	Lab Rep.
Purpose of Analysis	Monitoring

Sr. No.	Sampling Location	Units	Results		Protocol Used
			Day	Night	
1.	Plant site (Corner 4)	dB(A)	59.1	48.8	IS 9989 (By Calculation):2014

Area Code	Category of Area/Zone	Limit as per E(P)A 1986 (The Noise Pollution Regulation & Control Rule, 2006) in dB (A) Leq.	
		Day Time	Night Time
A	Industrial Area	75	70
B	Commercial Area	65	55
C	Residential Area	55	45
D	Silence Zone	50	40

Note: - * Day time mean 6:00 am to 10:00 pm

** Night Time mean 10:00 pm to 6:00 am

Checked By

Authorized Signatory

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**GROUND WATER QUALITY
MONITORING REPORT
SUMMER SEASON**



ASIA ENVIRO LAB

(An ISO 9001:2015, 14001:2015, 45001:2018 & CPCB Govt. Recognised Lab)

Job Description : Environmental Testing, ETP/STP Manufacturing, ETP/STP Plant Operation Pollution NOC Etc.

Lab - H1-837, Near Pollution Control Board, RIICO Industrial Area, Bhiwadi, Distt. Alwar (Rajasthan)-301019

Ph. No. : 01493-294022, 09694666022, Email : asiaenvirolab@gmail.com, Website : www.asiaenvirolab.com

Test Report

Report No.: AEL/GSL/09052024/W/01	Reporting Date: 14/05/2024
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Issued to: M/s Globus Spirits Limited Plot No. B7, Panagarh Industrial Park, Panagarh, Distt. Purba Badhaman West Bengal, Pin-713148	Sample I'd : AEL/GSL/090524/W/01 Date : 09.05.2024 Period of testing : 09.05.2024 to 14.05.2024
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SAMPLE PARTICULARS:	
Type of the Sample	Ground Water Sample
Date of Sample Receiving	07.05.2024
Location	Project Site -I
Sample Collected By	Customer
Purpose of Analysis	Monitoring

TEST RESULTS:						
Sr. No.	Parameters	Unit	Results	Drinking Water Specifications (As per IS-10500)		Test Protocol
				Desirable Limits	Permissible Limits in the absence of better alternate source	
1	Colour	Hazen	<5	5 max.	15 max.	APHA 23 rd Ed., 2120 B
2	Odour	--	Agreeable	Agreeable	Agreeable	IS-3025(P-5)
3	Taste	--	Agreeable	Agreeable	Agreeable	IS-3025(P-8)
4	Turbidity	NTU	<0.1	1 max.	5 max.	APHA 23 rd Ed., 2130 B
5	pH	--	7.84	6.5 - 8.5	No relaxation	APHA 23 rd Ed., 4500 H B
6	Total Hardness, (as CaCO ₃)	mg/l	132.4	200 max.	600 max.	APHA 23 rd Ed., 2340 C
7	Iron, (as Fe)	mg/l	< 0.02	0.30 max.	No relaxation.	APHA 23 rd Ed. P-3111, A, B, C
8	Chloride, (as Cl)	mg/l	32.0	250 max.	1000 max.	APHA 23 rd Ed., 4500 Cl B
9	Residual Free Chlorine	mg/l	N.D.	0.20 max.	1 max.	APHA 23 rd Ed., 4500 Cl
10	Calcium, (as Ca)	mg/l	22.1	75 max.	200 max.	APHA 23 rd Ed., 3500 Ca A
11	Magnesium, (as Mg)	mg/l	15.0	30 max.	100 max.	APHA 23 rd Ed., 3500 Mg B
12	Total Dissolved Solids	mg/l	265.0	500 max.	2000 max.	APHA 23 rd Ed., 2540 C
13	Sulphate, (as SO ₄)	mg/l	116.4	200 max.	400 max.	APHA 23 rd Ed., 4500 SO ₄ E
14	Fluoride, (as F)	mg/l	0.26	1.0 max.	1.5 max.	APHA 23 rd Ed., 4500
15	Total Alkalinity, (as CaCO ₃)	mg/l	146.7	200 max.	600 max.	APHA 23 rd Ed., 2320 A
16	Chromium Total, (as Cr)	mg/l	<0.02	0.05 max.	No relaxation	APHA 23 rd Ed. P-3111, A, B, C
17	Hexa Chromium, (as Cr+6)	mg/l	N.D.	0.05 max.	No relaxation	APHA 23 rd Ed., 3500 Cr B
18	Nitrate, (as NO ₃)	mg/l	6.59	45 max.	No relaxation	IS-3025(P-34)
19	Zinc, (as Zn)	mg/l	< 0.02	5 max.	15 max.	APHA 23 rd Ed. P-3111, A, B, C
20	Phenolic Compounds, (as C ₆ H ₅ OH)	mg/l	N.D.	0.001 max.	0.002 max.	APHA 23 rd Ed., 5530
21	Copper, (as Cu)	mg/l	<0.02	0.05 max.	1.50 max.	APHA 23 rd Ed. P-3111, A, B, C
22	Manganese, (as Mn)	mg/l	<0.02	0.10 max.	0.30 max.	APHA 23 rd Ed. P-3111, A, B, C
23	Silver, (as Ag)	mg/l	<0.02	0.01 max.	0.05 max.	APHA 23 rd Ed. P-3111, A, B, C
24	Aluminum, (as Al)	mg/l	<0.01	0.03 max.	0.20 max.	APHA 23 rd Ed. P-3111, A, B, C

Note: 1. The result listed refer only to the tested samples and applicable parameters.

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ASIA ENVIRO LAB

(An ISO 9001:2015, 14001:2015, 45001:2018 & CPCB Govt. Recognised Lab)

Job Description : Environmental Testing, ETP/STP Manufacturing, ETP/STP Plant Operation Pollution NOC Etc.

Lab - H1-837, Near Pollution Control Board, RIICO Industrial Area, Bhiwadi, Distt. Alwar (Rajasthan)-301019

Ph. No. : 01493-294022, 09694666022, Email : asiaenvirolab@gmail.com, Website : www.asiaenvirolab.com

25	Ammonia (as total ammonia-N)	mg/l	N.D.	0.5 max.	No relaxation	IS 3025 (P-34)
26	Nickel (as Ni)	mg/l	<0.02	0.02 max.	No relaxation	APHA 23rd Ed. P-3111,A,B,C
27	Lead,(as Pb)	mg/l	N.D.	0.01 max.	No relaxation	APHA 23rd Ed. P-3111,A,B,C
28	Cadmium,(as Cd)	mg/l	N.D.	0.003 max.	No relaxation	APHA 23rd Ed. P-3111,A,B,C
29	Molybdenum (as Mo)	mg/l	< 0.01	0.07max	No relaxation	APHA 23rd Ed. P-3111,A,B,C
30	Boron, (as B)	mg/l	< 0.2	0.5 max	1.0 max	APHA 23 rd Ed.,4500 B C
Bacteriological Test Results						
31	Coli form organisms /100 ml	--	Absent	Shall not be detectable in any 100 ml sample		IS-15185:2016
32	E-Coli/ 100 ml	--	Absent	Shall not be detectable in any 100 ml sample		IS-15185:2016

Remarks- N.D- Not Detectable

Neev
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- Note: 1. The result listed refer only to the tested samples and applicable parameters.
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ASIA ENVIRO LAB

(An ISO 9001:2015, 14001:2015, 45001:2018 & CPCB Govt. Recognised Lab)

Job Description : Environmental Testing, ETP/STP Manufacturing, ETP/STP Plant Operation Pollution NOC Etc.

Lab - H1-937, Near Pollution Control Board, RICO Industrial Area, Rihardi, Distt. Alwar (Rajasthan)-301019

Ph. No. : 01493-294022, 09694666022, Email : asiaenvirolab@gmail.com, Website : www.asiaenvirolab.com

Test Report

Report No.: AEL/GSL/09052024/W/02 Reporting Date: 14/05/2024

Issued to: M/s Globus Spirits Limited Plot No. B7, Panagarh Industrial Park, Panagarh, Distt. - Purba Badhaman West Bengal, Pin-713148	Sample I'd : AEL/GSL/090524/W/02 Date : 09.05.2024 Period of testing : 09.05.2024 to 14.05.2024
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SAMPLE PARTICULARS:	
Type of the Sample	Ground Water Sample
Date of Sample Receiving	07.05.2024
Location	Near Project Site -II
Sample Collected By	Customer
Purpose of Analysis	Monitoring

TEST RESULTS:						
Sr. No.	Parameters	Unit	Results	Drinking Water Specifications (As per IS 10500)		Test Protocol
				Desirable Limits	Permissible Limits in the absence of better alternate source	
1	Colour	Hazen	<5	5 max.	15 max.	APHA 23 rd Ed., 2120 B
2	Odour	--	Agreeable	Agreeable	Agreeable	IS-3025(P-5)
3	Taste	--	Agreeable	Agreeable	Agreeable	IS-3025(P-8)
4	Turbidity	NTU	<0.1	1 max.	5 max.	APHA 23 rd Ed., 2130 B
5	pH	--	7.46	6.5 - 8.5	No relaxation	APHA 23 rd Ed., 4500 H B
6	Total Hardness, (as CaCO ₃)	mg/l	132.8	200 max.	600 max.	APHA 23 rd Ed., 2340 C
7	Iron, (as Fe)	mg/l	< 0.02	0.30 max.	No relaxation.	APHA 23 rd Ed. P-3111, A, B, C
8	Chloride, (as Cl)	mg/l	31.0	250 max.	1000 max.	APHA 23 rd Ed., 4500 Cl B
9	Residual Free Chlorine	mg/l	N.D.	0.20 max.	1 max.	APHA 23 rd Ed., 4500 Cl
10	Calcium, (as Ca)	mg/l	21.1	75 max.	200 max.	APHA 23 rd Ed., 3500 Ca A
11	Magnesium, (as Mg)	mg/l	16.4	30 max.	100 max.	APHA 23 rd Ed., 3500 Mg B
12	Total Dissolved Solids	mg/l	278.0	500 max.	2000 max.	APHA 23 rd Ed., 2540 C
13	Sulphate, (as SO ₄)	mg/l	16.9	200 max.	400 max.	APHA 23 rd Ed., 4500 SO ₄ E
14	Fluoride, (as F)	mg/l	0.28	1.0 max.	1.5 max.	APHA 23 rd Ed., 4500
15	Total Alkalinity, (as CaCO ₃)	mg/l	162.0	200 max.	600 max.	APHA 23 rd Ed., 2320 A
16	Chromium Total, (as Cr)	mg/l	<0.02	0.05 max.	No relaxation	APHA 23 rd Ed. P-3111, A, B, C
17	Hexa Chromium, (as Cr+6)	mg/l	N.D.	0.05 max.	No relaxation	APHA 23 rd Ed., 3500 Cr B
18	Nitrate, (as NO ₃)	mg/l	6.14	45 max.	No relaxation	IS-3025(P-34)
19	Zinc, (as Zn)	mg/l	< 0.02	5 max.	15 max.	APHA 23 rd Ed. P-3111, A, B, C
20	Phenolic Compounds, (as C ₆ H ₅ OH)	mg/l	N.D.	0.001 max.	0.002 max.	APHA 23 rd Ed., 5530
21	Copper, (as Cu)	mg/l	<0.02	0.05 max.	1.50 max.	APHA 23 rd Ed. P-3111, A, B, C
22	Manganese, (as Mn)	mg/l	<0.02	0.10 max.	0.30 max.	APHA 23 rd Ed. P-3111, A, B, C
23	Silver (as Ag)	mg/l	<0.02	0.01 max.	0.05 max.	APHA 23 rd Ed. P-3111, A, B, C

Note: 1. The result listed refer only to the tested samples and applicable parameters.

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ASIA ENVIRO LAB

(An ISO 9001:2015, 14001:2015, 45001:2018 & CPCB Govt. Recognised Lab)

Job Description : Environmental Testing, ETP/STP Manufacturing, ETP/STP Plant Operation Pollution NOC Etc.

Lab - H1-837, Near Pollution Control Board, RIICO Industrial Area, Bhiwadi, Distt. Alwar (Rajasthan)-301019

Ph. No. : 01493-294022, 09694666022, Email : asiaenvirolab@gmail.com, Website : www.asiaenvirolab.com

24	Aluminum, (as Al)	mg/l	<0.01	0.03 max.	0.20 max.	APHA 23rd Ed. P-3111,A,B,C
25	Ammonia (as total ammonia-N)	mg/l	N.D.	0.5 max.	No relaxation	IS 3025 (P-34)
26	Nickel (as Ni)	mg/l	<0.02	0.02 max.	No relaxation	APHA 23rd Ed. P-3111,A,B,C
27	Lead,(as Pb)	mg/l	N.D.	0.01 max.	No relaxation	APHA 23rd Ed. P-3111,A,B,C
28	Cadmium,(as Cd)	mg/l	N.D.	0.003 max.	No relaxation	APHA 23rd Ed. P-3111,A,B,C
29	Molybdenum (as Mo)	mg/l	< 0.01	0.07max	No relaxation	APHA 23rd Ed. P-3111,A,B,C
30	Boron. (as B)	mg/l	< 0.2	0.5 max	1.0 max	APHA 23rd Ed.,4500 B C
Bacteriological Test Results						
31	Coli form organisms /100 ml	--	Absent	Shall not be detectable in any 100 ml sample		IS-15185:2016
32	E-Coli/ 100 ml	--	Absent	Shall not be detectable in any 100 ml sample		IS-15185:2016

Remarks : N.D.- Not Detectable

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[Signature]
Authorized Signatory

ENVIRO LAB
Auth Sign.
BHIWADI

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ASIA ENVIRO LAB

(An ISO 9001:2015, 14001:2015, 45001:2018 & CPCB Govt. Recognised Lab)

Job Description : Environmental Testing, ETP/STP Manufacturing, ETP/STP Plant Operation Pollution NOC Etc.

Lab - H-1-837, Near Pollution Control Board, RIICO Industrial Area, Bhiwadi, Distt. Alwar (Rajasthan)-301019

Ph. No. : 01493-294022, 09694666022, Email : asiaenvirolab@gmail.com, Website : www.asiaenvirolab.com

Test Report

Report No.: AEL/GSL/09052024/W/03	Reporting Date: 14/05/2024
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Issued to: M/s Globus Spirits Limited Plot No. B7, Panagarh Industrial Park, Panagarh, Distt. - Purba Badhaman West Bengal, Pin-713148	Sample I'd : AEL/GSL/090524/W/03 Date : 09.05.2024 Period of testing : 09.05.2024 to 14.05.2024
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SAMPLE PARTICULARS:	
Type of the Sample	Ground Water Sample
Date of Sample Receiving	07.05.2024
Location	Village Kota
Sample Collected By	Customer
Purpose of Analysis	Monitoring

TEST RESULTS:						
Sr. No.	Parameters	Unit	Results	Drinking Water Specifications (As per IS-10500)		Test Protocol
				Desirable Limits	Permissible Limits in the absence of better alternate source	
1	Colour	Hazen	<5	5 max.	15 max.	APHA 23 rd Ed., 2120 B
2	Odour	--	Agreeable	Agreeable	Agreeable	IS-3025(P-5)
3	Taste	--	Agreeable	Agreeable	Agreeable	IS-3025(P-8)
4	Turbidity	NTU	<0.1	1 max.	5 max.	APHA 23 rd Ed., 2130 B
5	pH	--	7.36	6.5 - 8.5	No relaxation	APHA 23 rd Ed., 4500 H B
6	Total Hardness, (as CaCO ₃)	mg/l	88.6	200 max.	600 max.	APHA 23 rd Ed., 2340 C
7	Iron, (as Fe)	mg/l	< 0.02	0.30 max.	No relaxation.	APHA 23 rd Ed. P-3111, A, B, C
8	Chloride, (as Cl)	mg/l	16.2	250 max.	1000 max.	APHA 23 rd Ed., 4500 Cl R
9	Residual Free Chlorine	mg/l	N.D.	0.20 max.	1 max.	APHA 23 rd Ed., 4500 Cl
10	Calcium, (as Ca)	mg/l	21.2	75 max.	200 max.	APHA 23 rd Ed., 3500 Ca A
11	Magnesium, (as Mg)	mg/l	8.5	30 max.	100 max.	APHA 23 rd Ed., 3500 Mg B
12	Total Dissolved Solids	mg/l	246	500 max.	2000 max.	APHA 23 rd Ed., 2540 C
13	Sulphate, (as SO ₄)	mg/l	10.1	200 max.	400 max.	APHA 23 rd Ed., 4500 SO ₄ E
14	Fluoride, (as F)	mg/l	0.14	1.0 max.	1.5 max.	APHA 23 rd Ed., 4500
15	Total Alkalinity, (as CaCO ₃)	mg/l	98.8	200 max.	600 max.	APHA 23 rd Ed., 2320 A
16	Chromium Total, (as Cr)	mg/l	<0.02	0.05 max.	No relaxation	APHA 23 rd Ed. P-3111, A, B, C
17	Hexa Chromium, (as Cr+6)	mg/l	N.D.	0.05 max.	No relaxation	APHA 23 rd Ed., 3500 Cr B
18	Nitrate, (as NO ₃)	mg/l	4.62	45 max.	No relaxation	IS-3025(P-34)
19	Zinc, (as Zn)	mg/l	< 0.02	5 max.	15 max.	APHA 23 rd Ed. P-3111, A, B, C
20	Phenolic Compounds, (as C ₆ H ₅ OH)	mg/l	N.D.	0.001 max.	0.002 max.	APHA 23 rd Ed., 5530
21	Copper, (as Cu)	mg/l	<0.02	0.05 max.	1.50 max.	APHA 23 rd Ed. P-3111, A, B, C
22	Manganese, (as Mn)	mg/l	<0.02	0.10 max.	0.30 max.	APHA 23 rd Ed. P-3111, A, B, C
23	Silver (as Ag)	mg/l	<0.02	0.01 max.	0.05 max.	APHA 23 rd Ed. P-3111, A, B, C
24	Aluminum, (as Al)	mg/l	<0.01	0.03 max.	0.20 max.	APHA 23 rd Ed. P-3111, A, B, C

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ASIA ENVIRO LAB

(An ISO 9001:2015, 14001:2015, 45001:2018 & CPCB Govt. Recognised Lab)

Job Description : Environmental Testing, ETP/STP Manufacturing, ETP/STP Plant Operation Pollution NOC Etc.

Lab - I-11-037, Near Pollution Control Board, RIICO Industrial Area, Bhiwadi, Distt. Alwar (Rajasthan) 301010.

Ph. No. : 01493-294022, 09694666022, Email : asiaenvirolab@gmail.com, Website : www.asiaenvirolab.com

25	Ammonia (as total ammonia-N)	mg/l	N.D.	0.5 max.	No relaxation	IS 3025 (P-34)
26	Nickel (as Ni)	mg/l	<0.02	0.02 max.	No relaxation	APHA 23rd Ed. P-3111,A,B,C
27	Lead,(as Pb)	mg/l	N.D.	0.01 max.	No relaxation	APHA 23rd Ed. P-3111,A,B,C
28	Cadmium,(as Cd)	mg/l	N.D.	0.003 max.	No relaxation	APHA 23rd Ed. P-3111,A,B,C
29	Molybdenum (as Mo)	mg/l	< 0.01	0.07max	No relaxation	APHA 23rd Ed. P-3111,A,B,C
30	Boron, (as B)	mg/l	< 0.2	0.5 max	1.0 max	APHA 23 rd Ed.,4500 B C
Bacteriological Test Results						
31	Coli form organisms /100 ml	--	Absent	Shall not be detectable in any 100 ml sample		IS-15185:2016
32	E-Coli/ 100 ml	--	Absent	Shall not be detectable in any 100 ml sample		IS-15185:2016

Remarks- N.D- Not Detectable

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Authorized Signatory

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ASIA ENVIRO LAB

(An ISO 9001:2015, 14001:2015, 45001:2018 & CPCB Govt. Recognised Lab)

Job Description : Environmental Testing, ETP/STP Manufacturing, ETP/STP Plant Operation Pollution NOC Etc.

Lab - H1-837, Near Pollution Control Board, RIGCO Industrial Area, Bhiwadi, Distt: Alwar (Rajasthan)-301010

Ph. No. : 01493-294022, 09694666022, Email : asiaenvirolab@gmail.com, Website : www.asiaenvirolab.com

Test Report

Report No.: AEL/GSL/09052024/W/04	Reporting Date: 14/05/2024
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Issued to: M/s Globus Spirits Limited Plot No. B7, Panagarh Industrial Park, Panagarh, Distt. - Purba Badhaman West Bengal, Pin-713148	Sample I'd : AEL/GSL/090524/W/04 Date : 09.05.2024 Period of testing : 09.05.2024 to 14.05.2024
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SAMPLE PARTICULARS:	
Type of the Sample	Ground Water Sample
Date of Sample Receiving	07.05.2024
Location	Village Khandari
Sample Collected By	Customer
Purpose of Analysis	Monitoring

TEST RESULTS:						
Sr. No.	Parameters	Unit	Results	Drinking Water Specifications (As per IS-10500)		Test Protocol
				Desirable Limits	Permissible Limits in the absence of better alternate source	
1	Colour	Hazen	<5	5 max.	15 max.	APHA 23 rd Ed., 2120 B
2	Odour	--	Agreeable	Agreeable	Agreeable	IS-3025(P-5)
3	Taste	--	Agreeable	Agreeable	Agreeable	IS-3025(P-8)
4	Turbidity	NTU	<0.1	1 max.	5 max.	APHA 23 rd Ed., 2130 B
5	pH	--	7.36	6.5 - 8.5	No relaxation	APHA 23 rd Ed., 4500 H B
6	Total Hardness, (as CaCO ₃)	mg/l	132.8	200 max.	600 max.	APHA 23 rd Ed., 2340 C
7	Iron, (as Fe)	mg/l	< 0.02	0.30 max.	No relaxation.	APHA 23 rd Ed. P-3111, A, B, C
8	Chloride, (as Cl)	mg/l	32.6	250 max.	1000 max.	APHA 23 rd Ed., 4500 Cl B
9	Residual Free Chlorine	mg/l	N.D.	0.20 max.	1 max.	APHA 23 rd Ed., 4500 Cl
10	Calcium Hardness, (as Ca)	mg/l	34.5	75 max.	200 max.	APHA 23 rd Ed., 3500 Ca A
11	Magnesium Hardness, (as Mg)	mg/l	19.5	30 max.	100 max.	APHA 23 rd Ed., 3500 Mg B
12	Total Dissolved Solids	mg/l	332.0	500 max.	2000 max.	APHA 23 rd Ed., 2540 C
13	Sulphate, (as SO ₄)	mg/l	16.1	200 max.	400 max.	APHA 23 rd Ed., 4500 SO ₄ E
14	Fluoride, (as F)	mg/l	0.28	1.0 max.	1.5 max.	APHA 23 rd Ed., 4500
15	Total Alkalinity, (as CaCO ₃)	mg/l	148.0	200 max.	600 max.	APHA 23 rd Ed., 2320 A
16	Chromium Total, (as Cr)	mg/l	<0.02	0.05 max.	No relaxation	APHA 23 rd Ed. P-3111, A, B, C
17	Hexa Chromium, (as Cr+6)	mg/l	N.D.	0.05 max.	No relaxation	APHA 23 rd Ed., 3500 Cr B
18	Nitrate, (as NO ₃)	mg/l	6.88	45 max.	No relaxation	IS-3025(P-34)
19	Zinc, (as Zn)	mg/l	< 0.02	5 max.	15 max.	APHA 23 rd Ed. P-3111, A, B, C
20	Phenolic Compounds, (as C ₆ H ₅ OH)	mg/l	N.D.	0.001 max.	0.002 max.	APHA 23 rd Ed., 5530
21	Copper, (as Cu)	mg/l	<0.02	0.05 max.	1.50 max.	APHA 23 rd Ed. P-3111, A, B, C
22	Manganese, (as Mn)	mg/l	<0.02	0.10 max.	0.30 max.	APHA 23 rd Ed. P-3111, A, B, C
23	Silver (as Ag)	mg/l	<0.02	0.01 max.	0.05 max.	APHA 23 rd Ed. P-3111, A, B, C

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ASIA ENVIRO LAB

(An ISO 9001:2015, 14001:2015, 45001:2018 & CPCB Govt. Recognised Lab)

Job Description : Environmental Testing, ETP/STP Manufacturing, ETP/STP Plant Operation Pollution NOC Etc.

Lab - H1-837, Near Pollution Control Board, RIICO Industrial Area, Bhiwadi, Distt: Alwar (Rajasthan)-301019

Ph. No. : 01493-294022, 09694666022, Email : asiaenvirolab@gmail.com, Website : www.asiaenvirolab.com

24	Aluminum, (as Al)	mg/l	<0.01	0.03 max.	0.20 max.	APHA 23rd Ed. P-3111,A,B,C
25	Ammonia (as total ammonia-N)	mg/l	N.D.	0.5 max.	No relaxation	IS 3025 (P-34)
26	Nickel (as Ni)	mg/l	<0.02	0.02 max.	No relaxation	APHA 23rd Ed. P-3111,A,B,C
27	Lead,(as Pb)	mg/l	N.D.	0.01 max.	No relaxation	APHA 23rd Ed. P-3111,A,B,C
28	Cadmium,(as Cd)	mg/l	N.D.	0.003 max.	No relaxation	APHA 23rd Ed. P-3111,A,B,C
29	Molybdenum (as Mo)	mg/l	< 0.01	0.07max	No relaxation	APHA 23rd Ed. P-3111,A,B,C
30	Boron, (as B)	mg/l	< 0.2	0.5 max	1.0 max	APHA 23rd Ed.,4500 B C
Bacteriological Test Results						
31	Coli form organisms /100 ml	--	Absent	Shall not be detectable in any 100 ml sample		IS-15185:2016
32	E-Coli/ 100 ml	--	Absent	Shall not be detectable in any 100 ml sample		IS-15185:2016

Remarks- N.D- Not Detectable

Neeraj
Checked By

Authorized Signatory

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**GROUND WATER QUALITY
MONITORING REPORT
BEFORE POST MONSOON SEASON**



ASIA ENVIRO LAB

(An ISO 9001:2015, 14001:2015, 45001:2018 & CPCB Govt. Recognised Lab)

Job Description : Environmental Testing, ETP/STP Manufacturing, ETP/STP Plant Operation Pollution NOC Etc.

Lab - H1-837, Near Pollution Control Board, RIICO Industrial Area, Bhiwadi, Distt. Alwar (Rajasthan)-301019

Ph. No. : 01493-294022, 09694666022, Email : asiaenvirolab@gmail.com, Website : www.asiaenvirolab.com

Test Report

Report No.: AEL/GSL/09092024/W/01	Reporting Date: 14/09/2024
Issued to: M/s Globus Spirits Limited Plot No. B7, Panagarh Industrial Park, Panagarh, Distt. - Purba Badhaman West Bengal, Pin-713148	Sample I'd : AEL/GSL/090924/W/01 Date : 09.09.2024 Period of testing : 09.09.2024 to 14.09.2024

SAMPLE PARTICULARS:	
Type of the Sample	Ground Water Sample
Date of Sample Receiving	09.09.2024
Location	Project Site -I
Sample Collected By	Customer
Purpose of Analysis	Monitoring

TEST RESULTS:						
Sr. No.	Parameters	Unit	Results	Drinking Water Specifications (As per IS-10500)		Test Protocol
				Desirable Limits	Permissible Limits in the absence of better alternate source	
1	Colour	Hazen	<5	5 max.	15 max.	APHA 23 rd Ed., 2120 B
2	Odour	--	Agreeable	Agreeable	Agreeable	IS-3025(P-5)
3	Taste	--	Agreeable	Agreeable	Agreeable	IS-3025(P-8)
4	Turbidity	NTU	<0.1	1 max.	5 max.	APHA 23 rd Ed., 2130 B
5	pH	--	7.36	6.5 - 8.5	No relaxation	APHA 23 rd Ed., 4500 H B
6	Total Hardness, (as CaCO ₃)	mg/l	124.8	200 max.	600 max.	APHA 23 rd Ed., 2340 C
7	Iron, (as Fe)	mg/l	< 0.02	0.30 max.	No relaxation.	APHA 23 rd Ed. P-3111, A, B, C
8	Chloride, (as Cl)	mg/l	29.1	250 max.	1000 max.	APHA 23 rd Ed., 4500 Cl B
9	Residual Free Chlorine	mg/l	N.D.	0.20 max.	1 max.	APHA 23 rd Ed., 4500 Cl
10	Calcium, (as Ca)	mg/l	32.4	75 max.	200 max.	APHA 23 rd Ed., 3500 Ca A
11	Magnesium, (as Mg)	mg/l	18.2	30 max.	100 max.	APHA 23 rd Ed., 3500 Mg B
12	Total Dissolved Solids	mg/l	246	500 max.	2000 max.	APHA 23 rd Ed., 2540 C
13	Sulphate, (as SO ₄)	mg/l	12.4	200 max.	400 max.	APHA 23 rd Ed., 4500 SO ₄ E
14	Fluoride, (as F)	mg/l	0.24	1.0 max.	1.5 max.	APHA 23 rd Ed., 4500
15	Total Alkalinity, (as CaCO ₃)	mg/l	142.2	200 max.	600 max.	APHA 23 rd Ed., 2320 A
16	Chromium Total, (as Cr)	mg/l	<0.02	0.05 max.	No relaxation	APHA 23 rd Ed. P-3111, A, B, C
17	Hexa Chromium, (as Cr+6)	mg/l	N.D.	0.05 max.	No relaxation	APHA 23 rd Ed., 3500 Cr B
18	Nitrate, (as NO ₃)	mg/l	4.98	45 max.	No relaxation	IS-3025(P-34)
19	Zinc, (as Zn)	mg/l	< 0.02	5 max.	15 max.	APHA 23 rd Ed. P-3111, A, B, C
20	Phenolic Compounds, (as C ₆ H ₅ OH)	mg/l	N.D.	0.001 max.	0.002 max.	APHA 23 rd Ed., 5530
21	Copper, (as Cu)	mg/l	<0.02	0.05 max.	1.50 max.	APHA 23 rd Ed. P-3111, A, B, C
22	Manganese, (as Mn)	mg/l	<0.02	0.10 max.	0.30 max.	APHA 23 rd Ed. P-3111, A, B, C
23	Silver (as Ag)	mg/l	<0.02	0.01 max.	0.05 max.	APHA 23 rd Ed. P-3111, A, B, C
24	Aluminum, (as Al)	mg/l	<0.01	0.03 max.	0.20 max.	APHA 23 rd Ed. P-3111, A, B, C

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ASIA ENVIRO LAB

(An ISO 9001:2015, 14001:2015, 45001:2018 & CPCB Govt. Recognised Lab)

Job Description - Environmental Testing, ETP/STP Manufacturing, ETP/STP Plant Operation Pollution NOC Etc.

Lab - H1-837, Near Pollution Control Board, RIICO Industrial Area, Bhiwadi, Distt. Alwar (Rajasthan)-301019.

Ph. No. : 01493-294022, 09694666022, Email : asiaenvirolab@gmail.com, Website : www.asiaenvirolab.com

25	Ammonia (as total ammonia-N)	mg/l	N.D.	0.5 max.	No relaxation	IS 3025 (P-34)
26	Nickel (as Ni)	mg/l	<0.02	0.02 max.	No relaxation	APHA 23rd Ed. P-3111,A,B,C
27	Lead,(as Pb)	mg/l	N.D.	0.01 max.	No relaxation	APHA 23rd Ed. P-3111,A,B,C
28	Cadmium,(as Cd)	mg/l	N.D.	0.003 max.	No relaxation	APHA 23rd Ed. P-3111,A,B,C
29	Molybdenum (as Mo)	mg/l	< 0.01	0.07max	No relaxation	APHA 23rd Ed. P-3111,A,B,C
30	Boron, (as B)	mg/l	< 0.2	0.5 max	1.0 max	APHA 23rd Ed.,4500 B C
Bacteriological Test Results						
31	Coli form organisms /100 ml	--	Absent	Shall not be detectable in any 100 ml sample		IS-15185:2016
32	E-Coli/ 100 ml	--	Absent	Shall not be detectable in any 100 ml sample		IS-15185:2016

Remarks- N.D- Not Detectable

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BHIWADI

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Ph. No.: 01493-294022, 09694666022, Email : asiaenvirolab@gmail.com, Website : www.asiaenvirolab.com

Test Report

Report No.: AEL/GSL/09092024/W/02	Reporting Date: 14/09/2024
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Issued to: M/s Globus Spirits Limited Plot No. B7, Panagarh Industrial Park, Panagarh, Distt. - Purba Badhaman West Bengal, Pin-713148	Sample I'd : AEL/GSL/090924/W/02 Date : 09.09.2024 Period of testing : 09.09.2024 to 14.09.2024
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SAMPLE PARTICULARS:	
Type of the Sample	Ground Water Sample
Date of Sample Receiving	09.09.2024
Location	Near Project Site -II
Sample Collected By	Customer
Purpose of Analysis	Monitoring

TEST RESULTS:						
Sr. No.	Parameters	Unit	Results	Drinking Water Specifications (As per IS-10500)		Test Protocol
				Desirable Limits	Permissible Limits in the absence of better alternate source	
1	Colour	Hazen	<5	5 max.	15 max.	APHA 23 rd Ed., 2120 B
2	Odour	--	Agreeable	Agreeable	Agreeable	IS-3025(P-5)
3	Taste	--	Agreeable	Agreeable	Agreeable	IS-3025(P-8)
4	Turbidity	NTU	<0.1	1 max.	5 max.	APHA 23 rd Ed., 2130 B
5	pH	--	7.52	6.5 - 8.5	No relaxation	APHA 23 rd Ed., 4500 H B
6	Total Hardness, (as CaCO ₃)	mg/l	118.4	200 max.	600 max.	APHA 23 rd Ed., 2340 C
7	Iron, (as Fe)	mg/l	< 0.02	0.30 max.	No relaxation.	APHA 23 rd Ed. P-3111, A, B, C
8	Chloride, (as Cl)	mg/l	26.2	250 max.	1000 max.	APHA 23 rd Ed., 4500 Cl B
9	Residual Free Chlorine	mg/l	N.D.	0.20 max.	1 max.	APHA 23 rd Ed., 4500 Cl
10	Calcium, (as Ca)	mg/l	30.7	75 max.	200 max.	APHA 23 rd Ed., 3500 Ca A
11	Magnesium, (as Mg)	mg/l	17.3	30 max.	100 max.	APHA 23 rd Ed., 3500 Mg B
12	Total Dissolved Solids	mg/l	250.0	500 max.	2000 max.	APHA 23 rd Ed., 2540 C
13	Sulphate, (as SO ₄)	mg/l	14.2	200 max.	400 max.	APHA 23 rd Ed., 4500 SO ₄ E
14	Fluoride, (as F)	mg/l	0.18	1.0 max.	1.5 max.	APHA 23 rd Ed., 4500
15	Total Alkalinity, (as CaCO ₃)	mg/l	138.6	200 max.	600 max.	APHA 23 rd Ed., 2320 A
16	Chromium Total, (as Cr)	mg/l	<0.02	0.05 max.	No relaxation	APHA 23 rd Ed. P-3111, A, B, C
17	Hexa Chromium, (as Cr+6)	mg/l	N.D.	0.05 max.	No relaxation	APHA 23 rd Ed., 3500 Cr B
18	Nitrate, (as NO ₃)	mg/l	5.16	45 max.	No relaxation	IS-3025(P-34)
19	Zinc, (as Zn)	mg/l	< 0.02	5 max.	15 max.	APHA 23 rd Ed. P-3111, A, B, C
20	Phenolic Compounds, (as C ₆ H ₅ OH)	mg/l	N.D.	0.001 max.	0.002 max.	APHA 23 rd Ed., 5530
21	Copper, (as Cu)	mg/l	<0.02	0.05 max.	1.50 max.	APHA 23 rd Ed. P-3111, A, B, C
22	Manganese, (as Mn)	mg/l	<0.02	0.10 max.	0.30 max.	APHA 23 rd Ed. P-3111, A, B, C
23	Silver (as Ag)	mg/l	<0.02	0.01 max.	0.05 max.	APHA 23 rd Ed. P-3111, A, B, C

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ASIA ENVIRO LAB

(An ISO 9001:2015, 14001:2015, 45001:2018 & CPCB Govt. Recognised Lab)

Job Description : Environmental Testing, ETP/STP Manufacturing, ETP/STP Plant Operation Pollution NOC Etc.

Lab - H1-837, Near Pollution Control Board, RIICO Industrial Area, Bhiwadi, Distt. Alwar (Rajasthan)-301019

Ph. No. : 01493-294022, 09694666022, Email : asiaenvirolab@gmail.com, Website : www.asiaenvirolab.com

24	Aluminum, (as Al)	mg/l	<0.01	0.03 max.	0.20 max.	APHA 23rd Ed. P-3111,A,B,C
25	Ammonia (as total ammonia-N)	mg/l	N.D.	0.5 max.	No relaxation	IS 3025 (P-34)
26	Nickel (as Ni)	mg/l	<0.02	0.02 max.	No relaxation	APHA 23rd Ed. P-3111,A,B,C
27	Lead,(as Pb)	mg/l	N.D.	0.01 max.	No relaxation	APHA 23rd Ed. P-3111,A,B,C
28	Cadmium,(as Cd)	mg/l	N.D.	0.003 max.	No relaxation	APHA 23rd Ed. P-3111,A,B,C
29	Molybdenum (as Mo)	mg/l	< 0.01	0.07max	No relaxation	APHA 23rd Ed. P-3111,A,B,C
30	Boron, (as B)	mg/l	< 0.2	0.5 max	1.0 max	APHA 23rd Ed.,4500 B C
Bacteriological Test Results						
31	Coli form organisms /100 ml	--	Absent	Shall not be detectable in any 100 ml sample		IS-15185:2016
32	E-Coli/ 100 ml	--	Absent	Shall not be detectable in any 100 ml sample		IS-15185:2016

Remarks- N.D- Not Detectable

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Authorized Signatory
Sign.
ASIA ENVIRO LAB
BHIWADI

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Ph. No. : 01493-294022, 09694666022, Email : asiaenvirolab@gmail.com, Website : www.asiaenvirolab.com

Test Report

Report No.: AEL/GSL/09092024/W/03	Reporting Date: 14/09/2024
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Issued to: M/s Globus Spirits Limited Plot No. B7, Panagarh Industrial Park, Panagarh, Distt. - Purba Badhaman West Bengal, Pin-713148	Sample I'd : AEL/GSL/090924/W/03 Date : 09.09.2024 Period of testing : 09.09.2024 to 14.09.2024
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SAMPLE PARTICULARS:	
Type of the Sample	Ground Water Sample
Date of Sample Receiving	09.09.2024
Location	Village Kota
Sample Collected By	Customer
Purpose of Analysis	Monitoring

TEST RESULTS:						
Sr. No.	Parameters	Unit	Results	Drinking Water Specifications (As per IS-10500)		Test Protocol
				Desirable Limits	Permissible Limits in the absence of better alternate source	
1	Colour	Hazen	<5	5 max.	15 max.	APHA 23 rd Ed., 2120 B
2	Odour	--	Agreeable	Agreeable	Agreeable	IS-3025(P-5)
3	Taste	--	Agreeable	Agreeable	Agreeable	IS-3025(P-8)
4	Turbidity	NTU	<0.1	1 max.	5 max.	APHA 23 rd Ed., 2130 B
5	pH	--	7.42	6.5 - 8.5	No relaxation	APHA 23 rd Ed., 4500 H B
6	Total Hardness, (as CaCO ₃)	mg/l	98.2	200 max.	600 max.	APHA 23 rd Ed., 2340 C
7	Iron, (as Fe)	mg/l	< 0.02	0.30 max.	No relaxation.	APHA 23 rd Ed. P-3111, A, B, C
8	Chloride, (as Cl)	mg/l	18.4	250 max.	1000 max.	APHA 23 rd Ed., 4500 Cl B
9	Residual Free Chlorine	mg/l	N.D.	0.20 max.	1 max.	APHA 23 rd Ed., 4500 Cl
10	Calcium, (as Ca)	mg/l	24.1	75 max.	200 max.	APHA 23 rd Ed., 3500 Ca A
11	Magnesium, (as Mg)	mg/l	14.2	30 max.	100 max.	APHA 23 rd Ed., 3500 Mg B
12	Total Dissolved Solids	mg/l	238.0	500 max.	2000 max.	APHA 23 rd Ed., 2540 C
13	Sulphate, (as SO ₄)	mg/l	18.1	200 max.	400 max.	APHA 23 rd Ed., 4500 SO ₄ E
14	Fluoride, (as F)	mg/l	0.16	1.0 max.	1.5 max.	APHA 23 rd Ed., 4500
15	Total Alkalinity, (as CaCO ₃)	mg/l	102.4	200 max.	600 max.	APHA 23 rd Ed., 2320 A
16	Chromium Total, (as Cr)	mg/l	<0.02	0.05 max.	No relaxation	APHA 23 rd Ed. P-3111, A, B, C
17	Hexa Chromium, (as Cr+6)	mg/l	N.D.	0.05 max.	No relaxation	APHA 23 rd Ed., 3500 Cr B
18	Nitrate, (as NO ₃)	mg/l	4.26	45 max.	No relaxation	IS-3025(P-34)
19	Zinc, (as Zn)	mg/l	< 0.02	5 max.	15 max.	APHA 23 rd Ed. P-3111, A, B, C
20	Phenolic Compounds, (as C ₆ H ₅ OH)	mg/l	N.D.	0.001 max.	0.002 max.	APHA 23 rd Ed., 5530
21	Copper, (as Cu)	mg/l	<0.02	0.05 max.	1.50 max.	APHA 23 rd Ed. P-3111, A, B, C
22	Manganese, (as Mn)	mg/l	<0.02	0.10 max.	0.30 max.	APHA 23 rd Ed. P-3111, A, B, C
23	Silver (as Ag)	mg/l	<0.02	0.01 max.	0.05 max.	APHA 23 rd Ed. P-3111, A, B, C
24	Aluminum, (as Al)	mg/l	<0.01	0.03 max.	0.20 max.	APHA 23 rd Ed. P-3111, A, B, C

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Job Description : Environmental Testing, ETP/STP Manufacturing, ETP/STP Plant Operation Pollution NOC Etc.

Lab - H1-837, Near Pollution Control Board, RIICO Industrial Area, Bhiwadi, Distt. Alwar (Rajasthan)-301019

Ph. No. : 01493-294022, 09694666022, Email : asiaenvirolab@gmail.com, Website : www.asiaenvirolab.com

25	Ammonia (as total ammonia-N)	mg/l	N.D.	0.5 max.	No relaxation	IS 3025 (P-34)
26	Nickel (as Ni)	mg/l	<0.02	0.02 max.	No relaxation	APHA 23rd Ed. P-3111,A,B,C
27	Lead,(as Pb)	mg/l	N.D.	0.01 max.	No relaxation	APHA 23rd Ed. P-3111,A,B,C
28	Cadmium,(as Cd)	mg/l	N.D.	0.003 max.	No relaxation	APHA 23rd Ed. P-3111,A,B,C
29	Molybdenum (as Mo)	mg/l	< 0.01	0.07max	No relaxation	APHA 23rd Ed. P-3111,A,B,C
30	Boron, (as B)	mg/l	< 0.2	0.5 max	1.0 max	APHA 23 rd Ed.,4500 B C
Bacteriological Test Results						
31	Coli form organisms /100 ml	--	Absent	Shall not be detectable in any 100 ml sample		IS-15185:2016
32	E-Coli/ 100 ml	--	Absent	Shall not be detectable in any 100 ml sample		IS-15185:2016

Remarks- N.D- Not Detectable

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Ph. No. : 01493-294022, 09694666022, Email : asiaenvirolab@gmail.com; Website : www.asiaenvirolab.com

Test Report

Report No.: AEL/GSL/09092024/W/04	Reporting Date: 14/09/2024
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Issued to: M/s Globus Spirits Limited Plot No. B7, Panagarh Industrial Park, Panagarh, Distt. - Purba Badhaman West Bengal, Pin-713148	Sample I'd : AEL/GSL/090924/W/04 Date : 09.09.2024 Period of testing : 09.09.2024 to 14.09.2024
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SAMPLE PARTICULARS:	
Type of the Sample	Ground Water Sample
Date of Sample Receiving	09.09.2024
Location	Village Khandari
Sample Collected By	Customer
Purpose of Analysis	Monitoring

TEST RESULTS:						
Sr. No.	Parameters	Unit	Results	Drinking Water Specifications (As per IS-10500)		Test Protocol
				Desirable Limits	Permissible Limits in the absence of better alternate source	
1	Colour	Hazen	<5	5 max.	15 max.	APHA 23 rd Ed., 2120 B
2	Odour	--	Agreeable	Agreeable	Agreeable	IS-3025(P-5)
3	Taste	--	Agreeable	Agreeable	Agreeable	IS-3025(P-8)
4	Turbidity	NTU	<0.1	1 max.	5 max.	APHA 23 rd Ed., 2130 B
5	pH	--	7.56	6.5 - 8.5	No relaxation	APHA 23 rd Ed., 4500 H B
6	Total Hardness, (as CaCO ₃)	mg/l	128.4	200 max.	600 max.	APHA 23 rd Ed., 2340 C
7	Iron, (as Fe)	mg/l	< 0.02	0.30 max.	No relaxation.	APHA 23 rd Ed. P-3111, A, B, C
8	Chloride, (as Cl)	mg/l	31.2	250 max.	1000 max.	APHA 23 rd Ed., 4500 Cl B
9	Residual Free Chlorine	mg/l	N.D.	0.20 max.	1 max.	APHA 23 rd Ed., 4500 Cl
10	Calcium Hardness, (as Ca)	mg/l	20.4	75 max.	200 max.	APHA 23 rd Ed., 3500 Ca A
11	Magnesium Hardness, (as Mg)	mg/l	16.8	30 max.	100 max.	APHA 23 rd Ed., 3500 Mg B
12	Total Dissolved Solids	mg/l	318.0	500 max.	2000 max.	APHA 23 rd Ed., 2540 C
13	Sulphate, (as SO ₄)	mg/l	12.6	200 max.	400 max.	APHA 23 rd Ed., 4500 SO ₄ E
14	Fluoride, (as F)	mg/l	0.22	1.0 max.	1.5 max.	APHA 23 rd Ed., 4500
15	Total Alkalinity, (as CaCO ₃)	mg/l	136.2	200 max.	600 max.	APHA 23 rd Ed., 2320 A
16	Chromium Total, (as Cr)	mg/l	<0.02	0.05 max.	No relaxation	APHA 23 rd Ed. P-3111, A, B, C
17	Hexa Chromium, (as Cr+6)	mg/l	N.D.	0.05 max.	No relaxation	APHA 23 rd Ed., 3500 Cr B
18	Nitrate, (as NO ₃)	mg/l	6.56	45 max.	No relaxation	IS-3025(P-34)
19	Zinc, (as Zn)	mg/l	< 0.02	5 max.	15 max.	APHA 23 rd Ed. P-3111, A, B, C
20	Phenolic Compounds, (as C ₆ H ₅ OH)	mg/l	N.D.	0.001 max.	0.002 max.	APHA 23 rd Ed., 5530
21	Copper, (as Cu)	mg/l	<0.02	0.05 max.	1.50 max.	APHA 23 rd Ed. P-3111, A, B, C
22	Manganese, (as Mn)	mg/l	<0.02	0.10 max.	0.30 max.	APHA 23 rd Ed. P-3111, A, B, C
23	Silver (as Ag)	mg/l	<0.02	0.01 max.	0.05 max.	APHA 23 rd Ed. P-3111, A, B, C

Note: 1. The result listed refer only to the tested samples and applicable parameters.

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Ph. No. : 01493-294022, 09694666022, Email : asiaenvirolab@gmail.com, Website : www.asiaenvirolab.com

24	Aluminum, (as Al)	mg/l	<0.01	0.03 max.	0.20 max.	APHA 23rd Ed. P-3111,A,B,C
25	Ammonia (as total ammonia-N)	mg/l	N.D.	0.5 max.	No relaxation	IS 3025 (P-34)
26	Nickel (as Ni)	mg/l	<0.02	0.02 max.	No relaxation	APHA 23rd Ed. P-3111,A,B,C
27	Lead,(as Pb)	mg/l	N.D.	0.01 max.	No relaxation	APHA 23rd Ed. P-3111,A,B,C
28	Cadmium,(as Cd)	mg/l	N.D.	0.003 max.	No relaxation	APHA 23rd Ed. P-3111,A,B,C
29	Molybdenum (as Mo)	mg/l	< 0.01	0.07max	No relaxation	APHA 23rd Ed. P-3111,A,B,C
30	Boron, (as B)	mg/l	< 0.2	0.5 max	1.0 max	APHA 23rd Ed.,4500 B C
Bacteriological Test Results						
31	Coli form organisms /100 ml	--	Absent	Shall not be detectable in any 100 ml sample		IS-15185:2016
32	E-Coli/ 100 ml	--	Absent	Shall not be detectable in any 100 ml sample		IS-15185:2016

Remarks- N.D- Not Detectable

Neeraj
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Authorized Signatory
ASIA ENVIRO LAB
BHIWADI

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2. Sample will be destroyed one month from the date of issue of test certificate.
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