

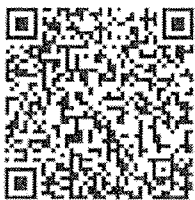
Bihar Distillers & Bottlers Pvt. Ltd. Compliance Report of Emission Consent Order for 250 KLPD Ethanol Plant & 9.4 MW Co- generation Power		
S. No.	CONDITION	STATUS
1	That, he/they shall not make any alteration, addition, deletion or modification in the plant without the prior clearance from the Board and shall also abide by the obligations under sections 22, 23 and 31A of the Air (Prevention & control of Pollution) Act, 1981 and further shall extend co-operation to the Board in performing its functions entrusted under sections 24, 25 and 26 of the Act;	Noted and being adhered.
2	That, he/they shall comply with the requirements of Rule 14 of the Environment (Protection) Rules, 1986; Rules 4, 6, 8, 9, 12, 13, 17, 18, 19, 20, 22 and 23 of the Hazardous and Other Wastes (Management & Transboundary Movement) Rules 2016; Rules 4,5,7,8,10,11,12,13,14,15,17 and 18 of the Manufacture, Storage and Import of Hazardous Chemical Rules,1989; and the provisions of the public Liability Insurance Act,1991, whichever is applicable;	Noted and being adhered.
3	That, he/they shall monitor his/their emission(s) and the ambient air quality from representative point regularly and shall maintain its quality in conformity with Board's standards and shall produce its proof, as and when asked for;	Being Complied: The Company is monitoring its emission(s) and the ambient air quality at designated points regularly and maintaining its quality in conformity with Board's standards.
4	That, he/they shall submit application for consent 30 days before the expiration of the period of consent i.e. 11.07.2025 or within 30 days from the date of receipt of this order, whichever is applicable;	Noted.
5	That, they shall operate its air pollution control device (ESP) regularly for control of particulate emission from stack;	Being Complied: The Company is operating its air pollution control device i.e. Electrostatic Precipitator (ESP) for control of particulate emission from stack within the stipulated norms.
6	That, the particulate matter emission from stack shall be in accordance with standards prescribed for boilers under the E(P) Rules, 1986 (Boiler having steam generation capacity 15 and above tone/hr; 150mg/Nm ³)/or as per conditions of EC;	Being Complied: The particulate matter from stacks emissions are always well within limit of 50 mg/Nm ³ .(See monitoring report by NABL as Annexure – A1)
7	That, the unit shall ensure connectivity (24x7) of online Stack Emission Monitoring System (OSMES) to CPCB server and BSPCB dashboard;	Being Complied: The unit has ensured connectivity (24x7) of online Stack Emission Monitoring System (OSMES) to CPCB server and BSPCB dashboard.



Annexure - A

8	That, they shall submit manual stack emission monitoring report and ambient air quality report on six monthly basis during operation of the plant;	Being Complied: The Company is monitoring its stack emission and ambient air quality from NABL Lab report is being submitted on six monthly basis.
9	That, water shall be sprinkled on the roads and premises for suppression of road dust through fixed water sprinklers.	Being Complied: The Company is doing water sprinkling on the roads and premises for the suppression of the road dust.
10	That, the unit shall store rice husk under covered shed;	Being Complied: Presently, the fuel feeding points at the boilers have been covered from where the daily requirement of husk is being met. Also, the boilers fuel conveyers have been covered to avoid husk getting air borne. The company had covered the rice husk stock with durable mesh in the storage areas to prevent it from getting air borne.
11	That, unit shall maintain good housekeeping and green vegetation in the premises;	Being Complied: The Company is maintaining good housekeeping and green vegetation within the premises.
12	That, the solid waste namely boiler ash shall be disposed of properly and ensure that there is no fugitive emission from their transportation, storage and handling;	Being Complied: The Company has entered into an agreement with Ash lifting Contractor who is supplying fly ash generated from the boilers to the nearby villages of Barap, Balligaon, Kahen, Dulhiganj, Kaup for brick manufacturing/ paver tiles manufacturing, in covered vehicles.
13	That, unit shall submit Environmental Statement for the financial year ending the 31 st March in Form-V on or before the 30 th September every year;	Being Complied: Last environmental statement for the period ending 31st March 2023 has been submitted to State Pollution Control Board vide letter dated 18 July 2023.
14.	That, the grant of this Consent-to-Operate is issued from the environmental angle only, and does not absolve the project proponent from other statutory obligation prescribed under any other law or any other instrument in force. The sole and complete responsibility to comply with the conditions laid down in all other laws for the time-being in force, rests with the industry/unit/project proponent;	Noted and being adhered.
15.	That, the grant of this Consent-to-Operate shall not, in any way, adversely affect or jeopardize the legal proceeding, is any, instituted in the past or that could be instituted against you by the State Board for violation of the provisions of the Act or the Rules made thereunder;	Noted.





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TC-10582

RECOGNISED AS ENVIRONMENTAL LABORATORY BY MoEFCC, GOVT. OF INDIA, UNDER ENVIRONMENT (PROTECTION) ACT 1986, DEPTT. OF INDUSTRY, FORESTS & ENVIRONMENT, GOVT. OF BIHAR AND BIHAR STATE POLLUTION CONTROL BOARD

TEST REPORT

Ref. No. STH/TR/24-25/139	Dt: 11.04.2024	Your Work Order No. BDBPL/2023-24/WO-32A	Dt: 15.06.2023	
[a] Name and address of the Customer	BIHAR DISTILLERS & BOTTLERS PVT. LTD. VILL. DEVRI P.O.: GARHANI ARRAH DIST. BHOJPUR – 802 203			
[b] Details of Sample	Monitoring of Stack Emission			
[c] Sample Collected by	By Prem Kumar (Lab Representative) of Shiva Test House on 03.04.24			
[d] Sampling Location	Premises of Bihar Distillers & Bottlers Pvt. Ltd.,			
[e] Method of Sampling	IS 11255 (Part-1,2,3 & 7)			
[f] Sampling Environmental Condition	Temp. (°C)	36	Humidity (%)	52
[g] Details of Sample Container (No. & Type of Container)	Thimble & Glass Impinger			
[h] Instrument ID	VSS-1PLS			
[i] Sample Quantity	60 ml			
[j] Sample Code	ST-139/04/24			
[k] Sample Condition on Receipt	Fit for Analysis			
[l] Items required to be tested	As per contract			
[m] Whether any specific Method of Test has been suggested by the customer	No			
[n] Date of receiving the sample in Laboratory	04.04.24			
[o] Analysis Start Date / Analysis Completion Date	04.04.24 / 09.04.24			
Parameters	Unit	Method of Test	Results	
1. Type of Fuel			Rice Husk	
2. Stack Connected to			ESP connected with Boiler (52 TPH)	
3. Stack No.			II	
4. Height of Stack (as reported)	Meter		55.0	
5. Dia. of Stack at Top (as reported)	Meter		2.5	
6. Material of Construction	---		RCC	
7. Ambient Temperature	°C		36.0	
8. Flue Gas Temperature	°C		118.0	
9. Velocity	m/sec.	IS 11255 (Part-3)	8.4	
10. Volumetric Flow Rate	NM ³ /hr.		113397.3	
11. Sampling Point	Meter		22.0	
			Limit as per EPA Notification	Concentration
12. Particulate Matter (P.M.)	mg / NM ³	IS 11255 (Part-1)	250.00 mg / NM ³	26.1
13. Sulphur Dioxide (SO ₂)	mg / NM ³	IS 11255 (Part-2)	Not Specified	13.8
14. Oxides of Nitrogen (NO _x)	mg / NM ³	IS 11255 (Part-7)	Not Specified	39.2

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Verified by :

Dr. Shibeshwar Prasad
Technical Manager



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Prasad

Digitally signed by
Shreyasee Prasad
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Dr. (Mrs.) Shreyasee Prasad
Quality Manager

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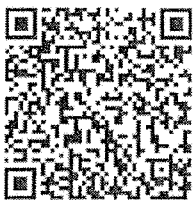
122-C, Aastha, Road No. 5A, Patliputra Colony, Patna – 800 013 (Bihar)

Mob.: +918676886249 ; +919431047908

Email : sthpatna1@yahoo.co.in ; info@shivatest.com

Website : www.shivatest.com ; www.shivatesthouse.com





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TEST REPORT

Ref. No. STH/TR/24-25/140		Dt: 11.04.2024		Your Work Order No. BDBPL/2023-24/WO-32A		Dt: 15.06.2023	
[a] Name and address of the Customer				BIHAR DISTILLERS & BOTTLERS PVT. LTD. VILL. DEVRI P.O.: GARHANI ARRAH DIST. BHOJPUR – 802 203			
[b] Details of Sample				Monitoring of Stack Emission			
[c] Sample Collected by				By Prem Kumar (Lab Representative) of Shiva Test House on 03.04.24			
[d] Sampling Location				Premises of Bihar Distillers & Bottlers Pvt. Ltd..			
[e] Method of Sampling				IS 11255 (Part-1,2,3 & 7)			
[f] Sampling Environmental Condition				Temp. (°C)	36	Humidity (%)	52
[g] Details of Sample Container (No. & Type of Container)				Thimble & Glass Impinger			
[h] Instrument ID				VSS-1PLS			
[i] Sample Quantity				60 ml			
[j] Sample Code				ST-140/04/24			
[k] Sample Condition on Receipt				Fit for Analysis			
[l] Items required to be tested				As per contract			
[m] Whether any specific Method of Test has been suggested by the customer				No			
[n] Date of receiving the sample in Laboratory				04.04.24			
[o] Analysis Start Date / Analysis Completion Date				04.04.24 / 09.04.24			
Parameters		Unit	Method of Test		Results		
1. Type of Fuel					Rice Husk		
2. Stack Connected to					ESP connected with Boiler (95 TPH)		
3. Stack No.					I		
4. Height of Stack (as reported)		Meter			55.0		
5. Dia. of Stack at Top (as reported)		Meter			3.43		
6. Material of Construction		---			RCC		
7. Ambient Temperature		°C			36.0		
8. Flue Gas Temperature		°C			122.0		
9. Velocity		m/sec.	IS 11255 (Part-3)		8.7		
10. Volumetric Flow Rate		NM³/hr.			219340.8		
11. Sampling Point		Meter			22.0		
					Limit as per EPA Notification		Concentration
12. Particulate Matter (P.M.)		mg / NM³	IS 11255 (Part-1)		250.00 mg / NM³		27.6
13. Sulphur Dioxide (SO₂)		mg / NM³	IS 11255 (Part-2)		Not Specified		14.1
14. Oxides of Nitrogen (NOx)		mg / NM³	IS 11255 (Part-7)		Not Specified		39.2

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Shibeswar Prasad
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Verified by :
Dr. Shibeshwar Prasad
Technical Manager



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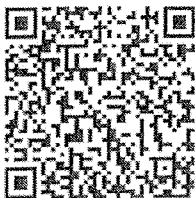
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Dr. (Mrs.) Shreyasee Prasad
Quality Manager

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TEST REPORT

Ref. No. STH/TR/24-25/141	Dt: 11.04.2024	Your Work Order No. BDBPL/2023-24/WO-32A	Dt: 15.06.2023	
[a] Name and address of the Customer	BIHAR DISTILLERS & BOTTLERS PVT. LTD. VILL. DEVRI P.O.: GARHANI ARRAH DIST. BHOJPUR – 802 203			
[b] Details of Sample	Monitoring of Stack Emission			
[c] Sample Collected by	By Prem Kumar (Lab Representative) of Shiva Test House on 03.04.24			
[d] Sampling Location	Premises of Bihar Distillers & Bottlers Pvt. Ltd.,			
[e] Method of Sampling	IS 11255 (Part-1,2,3 & 7)			
[f] Sampling Environmental Condition	Temp. (°C)	36	Humidity (%)	52
[g] Details of Sample Container (No. & Type of Container)	Thimble & Glass Impinger			
[h] Instrument ID	VSS-1 PLS			
[i] Sample Quantity	60 ml			
[j] Sample Code	ST-141/04/24			
[k] Sample Condition on Receipt	Fit for Analysis			
[l] Items required to be tested	As per contract			
[m] Whether any specific Method of Test has been suggested by the customer	No			
[n] Date of receiving the sample in Laboratory	04.04.24			
[o] Analysis Start Date / Analysis Completion Date	04.04.24 / 09.04.24			
Parameters	Unit	Method of Test	Results	
1. Type of Fuel			HSD	
2. Stack Connected to			DG Set 1000 KVA (Cummins Make, SI. N. RB30492910941083)	
3. Stack No.			III	
4. Height of Stack (as reported)	Meter		5.0 M.	
5. Dia. of Stack at Top (as reported)	Meter		0.15 M.	
6. Material of Construction	---		M.S.	
7. Ambient Temperature	°C		36.0	
8. Flue Gas Temperature	°C		132.0	
9. Velocity	m/sec.	IS 11255 (Part-3)	7.4	
10. Volumetric Flow Rate	NM ³ /hr.		347.8	
11. Sampling Point	---		Top of Exhaust	
			Limit as per EPA Notification	Concentration
12. Particulate Matter (P.M.)	mg / NM ³	IS 11255 (Part-1)	75.00 mg / Nm ³	26.1
13. Sulphur Dioxide (SO ₂)	mg / NM ³	IS 11255 (Part-2)	Not Specified	13.7
14. Oxides of Nitrogen (NO _x)	mg / NM ³	IS 11255 (Part-7)	710.00 mg / Nm ³	149.9
* : Emission Standards for Diesel Engines for Power Plant, Generator Set Application and other Requirements				

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Shibeswar Prasad
Date: 2024.04.11
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Verified by :
Dr. Shibeshwar Prasad
Technical Manager



Shreyasee Prasad

Digitally signed by
Shreyasee Prasad
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15:55:56 +05'30'

Authorized Signatory
Dr. (Mrs.) Shreyasee Prasad
Quality Manager

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Website : www.shivatest.com : www.shivatesthouse.com

Bihar Distillers & Bottlers Pvt. Ltd. Compliance Report of Discharge Consent Order for 250 KLPD Ethanol Plant & 9.4 MW Co- generation Power		
S. No.	CONDITION	STATUS
1	That, he/they shall not make any alteration, addition, deletion or modification in the plant without the prior clearance from the Board and shall also abide by the obligations under sections 24, 31 and 33A of the Water (Prevention & control of Pollution) Act, 1974 and further shall extend co-operation to the Board in performing its functions entrusted under sections 20, 21, 23, 30 and 32 of the Act;	Noted and being adhered.
2	That, he/they shall comply with the requirements of Rule 14 of the Environment (Protection) Rules, 1986; Rules 4,6,8,9,12,13,14,15,17,18,19,20,22 and 23 of the Hazardous and Other Wastes (Management & Transboundary Movement), Rule 2016; Rules 4, 5, 7, 8, 10, 11, 12, 13, 15, 17 and 18 of the Manufacture, storage and Import of Hazardous Chemical Rules, 1989; and the provisions of the Public Liability Insurance Act, 1991, whichever is applicable;	Noted and being adhered.
3	That, he/they shall monitor his/her effluent(s) regularly and maintain its quality in conformity with Boards standards and shall produce its proof, as and when asked for;	Being Complied: The Company is monitoring the effluent(s) regularly and maintaining its quality in conformity with Boards standards. (See attached report as Annexure- B1)
4	That, he/they shall submit application for consent again 30 days before the expiration of the period of consent i.e. 11.07.2025 or within 30 days from the date of receipt of this order, whichever is applicable.	Noted.
5	That, the unit shall achieve/maintain Zero Liquid Discharge (ZLD) by adopting /using the following:- a. Decantation of distillation residue, concentration of thin/lean spent wash in Multi Effect Evaporator (MEE), mixing of thick syrup/concentrated slop with Distillery Wet Grains with soluble (DWGS) generated from decanter, drying in dryer to produce Distillery Dry Grains Soluble (DDGS) as poultry fish feed; b. Other non-process effluents and other utilities wastewater shall be suitably treated and reused in the cooling tower makeup/process and shall not be discharged outside the factory premises; c. The unit shall use its ETP/CPU/wastewater treatment plant by utilizing all components of ETP.	Being Complied: The unit had adopted Zero liquid discharge right from the beginning by using the followings:- I. Spent wash from the grain based distillery is being treated through decanters and the thin slop is concentrated in multi-effect evaporator (MEE). The syrup from MEE is mixed with wet cake from decanters and then it is dried in dryers to form Animal Feed Supplement. Complete ZLD is in place. II. Other non-process effluents and other utilities wastewater is being treated in wastewater treatment plant (WWTP) and reusing in cooling towers for the makeup purpose.



6	That, the unit shall have separate drainage system for industrial effluent and storm water. They shall ensure that storm water is not allowed to mixed with industrial effluents in any cases.	Being Complied: Neither process effluent nor any wastewater can mix with storm water as it is conveyed through closed pipelines. Necessary guard ponds have been constructed so that the storm water passes through it.
7	That, the unit shall not discharge any polluted effluent into surface water (river, pond, lake, low-laying area etc.) through any defined or by-pass arrangement.	Being Complied: Effluent has never been discharged outside the premises, and zero liquid discharge has been adopted with the installation of MEE, Dryer and WWTP.
8	That, the unit shall ensure connectivity of mass flow meter at installed MEE inlet and MEE concentrate outlet and CPCB server and BSPCB dashboard.	Being Complied: The unit has ensured connectivity with CPCB server and BSPCB dashboard of mass flow meters installed at MEE inlet and MEE concentrate outlet.
9	That, the unit shall have flow meter at all water abstraction points, at inlet and outlet of ETP/CPU, spent wash generation point and MEE condensate point along with running hours meter.	Being Complied: The flow meters conforming to ISO standards have been installed at the inlet point of water uptake, inlet and outlet of ETP, spent wash generation point and MEE condensate point.
10	That, the unit shall have separate energy meter for ETP/CPU and maintain logbook for operation of ETP/CPU, energy meter, water abstraction and effluent generation on daily basis.	Being Complied: The unit has provided separate energy meter for ETP and maintain log book for operation of ETP, energy meter, water abstraction and effluent generation on daily basis.
11	That, the unit shall have permission for abstraction of ground water from Central Ground Water Authority (CGWA).	Being Complied: The company has applied for NOC renewal for Ground water abstraction from CGWA. (See copy as annexure B-2)
12	That, the unit shall install web camera at ETP, boiler, dryer and MEE and ensure linking the images with CPCB server along with BSPCB dashboard.	Being Complied: The unit has installed web camera at designated areas and linked the images with CPCB server along with BSPCB dashboard.
13	That, the unit shall monitor ground water level through piezometers (fitted with digital water level recorder).	Being Complied: Eight nos. of piezometers (fitted with digital water level recorder) have been set up and maintained for monitoring ground level within the premises.
14	That, the unit shall adopt rainwater harvest system to recharge the ground water.	Being Complied: Rainwater harvesting pond has been provided for the collection and reuse of rainwater.
15	That, the unit shall shut down its production in case of unforeseen situation such as flood, water logging etc. to avoid any discharge;	Noted.
16	That, the unit shall establish environmental laboratory with qualified professional.	Being Complied: The unit has established environmental laboratory with qualified professionals.



17	That, the unit shall submit environmental statement for the financial year ending the 31 st March in Form-V on or before the 30 th September every year.	Being Complied: Last environmental statement for the period ending 31st March 2023 has been submitted to State Pollution Control Board vide letter dated 18 July 2023.										
18	<div>That, the unit shall maintain water consumption, spent wash generation, concentrated spent wash and condensate as hereunder:-</div> <table><tr><td>Industrial water consumption (m³/d)</td><td>Grain requirement for fermentation (TPD)</td><td>Fermented wash for distillation (m³/d)</td><td>Ethanol production (m³/d)</td><td>Spent wash generation (m³/d)</td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr></table>	Industrial water consumption (m ³ /d)	Grain requirement for fermentation (TPD)	Fermented wash for distillation (m ³ /d)	Ethanol production (m ³ /d)	Spent wash generation (m ³ /d)						Being Complied: The unit is maintaining water consumption, spent wash generation, concentrated spent wash and condensate records in the prescribed format.
Industrial water consumption (m ³ /d)	Grain requirement for fermentation (TPD)	Fermented wash for distillation (m ³ /d)	Ethanol production (m ³ /d)	Spent wash generation (m ³ /d)								
19	That, the grant of this Consent-to-Operate is issued from the environmental angle only, and does not absolve the project proponent from other statutory obligation prescribed under any other law or any other instrument in force. The sole and complete responsibility to comply with the conditions laid down in all other laws for the time-being in force, rests with the Industry/unit/project proponent.	Noted and being adhered.										
20	That, the grant of this Consent-to-Operate shall not, in any way, adversely affect or jeopardize the legal proceeding, is any, instituted in the past or that could be instituted against you by the State Board for violation of the provisions of the Act or the Rules made there under.	Noted.										





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TEST REPORT

Ref. No. STH/TR/24-25/132		Dt: 11.04.2024		Your Work Order No. BDBPL/2023-24/WO-32A		Dt: 15.06.2023	
[a] Name and address of the Customer				BIHAR DISTILLERS & BOTTLERS PVT. LTD. VILL. DEVRI P.O.: GARHANI ARRAH DIST. BHOJPUR – 802 203			
[b] Details of Sample				Water sample from WWTP Inlet			
[c] Sample Collected by				By Prem Kumar (Lab Representative) of Shiva Test House on 03.04.24			
[d] Sampling Location				Collected from WWTP- Inlet- Near WWTP			
[e] Method of Sampling				IS 3025, APHA			
[f] Sampling Environmental Condition				Temp. (°C)	36	Humidity (%)	52
[g] Details of Sample Container (No. & Type of Container)				Polypropylene bottle (02)			
[h] Sample Quantity				2 Litres			
[i] Sample Code				E-132/04/24			
[j] Sample Condition on Receipt				Fit for Analysis			
[k] Items required to be tested				As per contract.			
[l] Whether any specific Method of Test has been suggested by the customer				No			
[m] Date of receiving the sample in Laboratory				04.04.24			
[n] Analysis Start Date / Analysis Completion Date				04.04.24 / 09.04.24			
Sl. No.	Parameters	Unit	Method of Test		Result		
1.	pH at 25°C	----	IS 3025 (Part-11)		6.63		
2.	Total Suspended Solids	mg/l.	IS 3025(Part-17)		112.0		
3.	Total Dissolved Solids (TDS)	mg/l.	IS 3025 (Part-16)		2248.0		
4.	Chloride as Cl	mg/l.	IS 3025 (Part-32)		94.0		
5.	Sulphate as SO ₄	mg/l.	APHA (4500-E)		63.2		
6.	B.O.D. (3 days 27 °C)	mg/l.	IS 3025 (Part-44)		200.0		
7.	C.O.D.	mg/l.	APHA 2220 B		752.0		
8.	Oil & Grease	mg/l.	IS 3025 (Part-39)		3.3		

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Shibeswar Prasad
Date: 2024.04.11
15:38:29 +05'30'

Verified by :

Dr. Shibeshwar Prasad
Technical Manager



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Prasad

Digitally signed by
Shreyasee Prasad
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Dr. (Mrs.) Shreyasee Prasad
Quality Manager

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SHIVA TEST HOUSE

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RECOGNISED AS ENVIRONMENTAL LABORATORY BY MoEFCC, GOVT. OF INDIA, UNDER ENVIRONMENT (PROTECTION) ACT 1986, DEPTT. OF INDUSTRY, FORESTS & ENVIRONMENT, GOVT. OF BIHAR AND BIHAR STATE POLLUTION CONTROL BOARD

TEST REPORT

Ref. No. STH/TR/24-25/133		Dt: 11.04.2024		Your Work Order No. BDBPL/2023-24/WO-32A		Dt: 15.06.2023	
[a] Name and address of the Customer				BIHAR DISTILLERS & BOTTLERS PVT. LTD. VILL. DEVRI P.O.: GARHANI ARRAH DIST. BHOJPUR – 802 203			
[b] Details of Sample				Water sample from WWTP Outlet			
[c] Sample Collected by				By Prem Kumar (Lab Representative) of Shiva Test House on 03.04.24			
[d] Sampling Location				Collected from WWTP Outlet- Near WWTP			
[e] Method of Sampling				IS 3025, APHA			
[f] Sampling Environmental Condition				Temp. (°C)		36	Humidity (%)
[g] Details of Sample Container (No. & Type of Container)				Polypropylene bottle (02)			
[h] Sample Quantity				2 Litres			
[i] Sample Code				E-133/04/24			
[j] Sample Condition on Receipt				Fit for Analysis			
[k] Items required to be tested				As per contract.			
[l] Whether any specific Method of Test has been suggested by the customer				No			
[m] Date of receiving the sample in Laboratory				04.04.24			
[n] Analysis Start Date / Analysis Completion Date				04.04.24 / 09.04.24			
Sl. No.	Parameters	Unit	Method of Test		Result		
1.	pH at 25°C	----	IS 3025 (Part-11)		7.34		
2.	Total Suspended Solids	mg/l.	IS 3025(Part-17)		11.0		
3.	Total Dissolved Solids (TDS)	mg/l.	IS 3025 (Part-16)		296.0		
4.	Chloride as Cl	mg/l.	IS 3025 (Part-32)		18.0		
5.	Sulphate as SO ₄	mg/l.	APHA (4500-E)		8.4		
6.	B.O.D. (3 days 27 °C)	mg/l.	IS 3025 (Part-44)		8.0		
7.	C.O.D.	mg/l.	APHA 2220 B		40.0		
8.	Oil & Grease	mg/l.	IS 3025 (Part-39)		0.5		

Shibeswar Prasad
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Verified by :
Dr. Shibeshwar Prasad
Technical Manager



Shreyasee Prasad
Digitally signed by Shreyasee Prasad
Date: 2024.04.11
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Authorized Signatory
Dr. (Mrs.) Shreyasee Prasad
Quality Manager

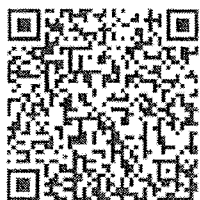
— END OF TEST REPORT —

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Contact us : 122-C, Aastha, Road No. 5A, Patliputra Colony, Patna – 800 013 (Bihar)
Mob.: +918676886249 ; +919431047908 Email : sthpatalna@yahoo.co.in ; info@shivatest.com
Website : www.shivatest.com ; www.shivatesthouse.com





SHIVA TEST HOUSE

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Annexure - B1



TC-10582

RECOGNISED AS ENVIRONMENTAL LABORATORY BY MoEFCC, GOVT. OF INDIA, UNDER ENVIRONMENT (PROTECTION) ACT 1986, DEPTT. OF INDUSTRY, FORESTS & ENVIRONMENT, GOVT. OF BIHAR AND BIHAR STATE POLLUTION CONTROL BOARD

TEST REPORT

Ref. No. STH/TR/24-25/134		Dt: 11.04.2024		Your Work Order No. BDBPL/2023-24/WO-32A		Dt: 15.06.2023	
[a] Name and address of the Customer				BIHAR DISTILLERS & BOTTLERS PVT. LTD. VILL. DEVRI P.O.: GARHANI ARRAH DIST. BHOJPUR – 802 203			
[b] Details of Sample				Untreated Effluent Sample			
[c] Sample Collected by				By Prem Kumar (Lab Representative) of Shiva Test House on 03.04.24			
[d] Sampling Location				From STP Inlet			
[e] Method of Sampling				IS 3025, APHA			
[f] Sampling Environmental Condition				Temp. (°C)	36	Humidity (%)	52
[g] Details of Sample Container (No. & Type of Container)				Polypropylene bottle (02)			
[h] Sample Quantity				2 Litres			
[i] Sample Code				E-134/04/24			
[j] Sample Condition on Receipt				Fit for Analysis			
[k] Items required to be tested				As per contract.			
[l] Whether any specific Method of Test has been suggested by the customer				No			
[m] Date of receiving the sample in Laboratory				04.04.24			
[n] Analysis Start Date / Analysis Completion Date				04.04.24 / 09.04.24			
Sl. No.	Parameters	Unit	Method of Test			Result	
1.	pH at 25°C	----	IS 3025 (Part-11)			6.72	
2.	Suspended Solids	mg/l.	IS 3025(Part-17)			112.0	
3.	Oil & Grease	mg/l.	IS 3025 (Part-39)			1.8	
4.	B.O.D. (3 days at 27°C)	mg/l.	IS 3025 (Part-44)			80.0	
5.	C.O.D.	mg/l.	APHA 2220 B			272.0	
6.	Dissolved Phosphate as P	mg/l.	APHA (4500-P-D)			2.5	
7.	Fluoride as F	mg/l.	APHA 4500 (F D)			0.84	
8.	Ammonical Nitrogen as N	mg/l.	IS 3025 (Part-34)			19.0	
9.	Total Kjeldahl Nitrogen as N	mg/l.	APHA (4500 N org)			29.7	

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Date: 2024.04.11
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Verified by :
Dr. Shibeshwar Prasad
Technical Manager

Authorized Signatory
Dr. (Mrs.) Shreyasee Prasad
Quality Manager

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SHIVA TEST HOUSE

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Annexure - B1



TC-10582

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TEST REPORT

Ref. No. STH/TR/24-25/135		Dt: 11.04.2024		Your Work Order No. BDBPL/2023-24/WO-32A		Dt: 15.06.2023	
[a] Name and address of the Customer				BIHAR DISTILLERS & BOTTLERS PVT. LTD. VILL. DEVRI P.O.: GARHANI ARRAH DIST. BHOJPUR – 802 203			
[b] Details of Sample				Treated Effluent sample			
[c] Sample Collected by				By Prem Kumar (Lab Representative) of Shiva Test House on 03.04.24			
[d] Sampling Location				From STP Outlet			
[e] Method of Sampling				IS 3025, APHA			
[f] Sampling Environmental Condition				Temp. (°C)	36	Humidity (%)	52
[g] Details of Sample Container (No. & Type of Container)				Polypropylene bottle (02)			
[h] Sample Quantity				2 Litres			
[i] Sample Code				E-135/04/24			
[j] Sample Condition on Receipt				Fit for Analysis			
[k] Items required to be tested				As per contract.			
[l] Whether any specific Method of Test has been suggested by the customer				No			
[m] Date of receiving the sample in Laboratory				04.04.24			
[n] Analysis Start Date / Analysis Completion Date				04.04.24 / 09.04.24			
Sl. No.	Parameters	Unit	Method of Test		Limit (mg/l.) as per Board's Standard		Result
1.	pH at 25°C	----	IS 3025 (Part-11)		5.5 to 9.0		7.43
2.	Suspended Solids	mg/l.	IS 3025(Part-17)		100.00		14.0
3.	Oil & Grease	mg/l.	IS 3025 (Part-39)		10.00		0.7
4.	B.O.D. (3 days at 27°C)	mg/l.	IS 3025 (Part-44)		100.00		9.0
5.	C.O.D.	mg/l.	APHA 2220 B		Not Specified		48.0
6.	Dissolved Phosphate as P	mg/l.	APHA (4500-P-D)		5.00		0.68
7.	Fluoride as F	mg/l.	APHA 4500 (F D)		2.00		0.38
8.	Ammonical Nitrogen as N	mg/l.	IS 3025 (Part-34)		50.00		5.0
9.	Total Kjeldahl Nitrogen as N	mg/l.	APHA (4500 N org)		100.00		7.8

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Shreyasee Prasad

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Date: 2024.04.11
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Verified by :
Dr. Shibeshwar Prasad
Technical Manager

Authorized Signatory
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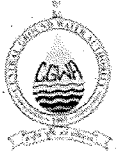
सत्यमेव जयते

Welcome : bdbplara

Previous Login Date Time: 26/06/2024 16:18:39 PM , IP Address: 115.240.91.18

Logout

Government of India
Ministry of Jal Shakti
Department of Water Resources, River Development and Ganga Rejuvenation
Central Ground Water Authority (CGWA)



Application for Issue of NOC to Abstract Ground Water (NOCAP)

Applicant Home	Apply	Feedback	Change Password	Update PAN	Profile	Grievance	Submitted Application Payment
User Request	Application Pass Book	Upload IAR	Upload Attachment	Payment for Associate			

Information Guidelines Steps for Filling Online Application Documents Required Documents Required for Online Application ▶ Industrial ▶ Infrastructure ▶ Mining Track Status Application Status ▶ Online Location Area Type Segment-B Area Type Regional office Location CGWA Headquarters Know Your Environmental Compensation(EC) Know Your Penalty Ground Water Abstraction/Restoration Charges Reports Applied for NOC - Online NOC Issued-Online Contact Us	Application Status																										
	Application No :		21-4/146/BR/IND/2012																								
	Receive Date :		16/04/2024																								
	Name of Industry :		BIHAR DISTILLERS AND BOTTLERS PVT. LTD.																								
	Application Processing Fee :		Rs. 5000.00/- (Rupees Five Thousand Only) (Submitted: Yes)																								
	Ground Water Abstraction/Restoration Charge :		Ground Water Quality Approved				Ground Water Charge Required: Not Define																				
			Charge: <table border="1"> <thead> <tr> <th>S.No.</th> <th>Amount</th> <th>Area Amount</th> <th>Total</th> <th>Ref No</th> <th>Date</th> <th>Status</th> <th>View</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>100000.00</td> <td></td> <td>100000.00</td> <td>1504240057328</td> <td>15/04/2024</td> <td>Success</td> <td>Ground water abstraction charge View</td> </tr> </tbody> </table>						S.No.	Amount	Area Amount	Total	Ref No	Date	Status	View	1	100000.00		100000.00	1504240057328	15/04/2024	Success	Ground water abstraction charge View			
	S.No.	Amount	Area Amount	Total	Ref No	Date	Status	View																			
	1	100000.00		100000.00	1504240057328	15/04/2024	Success	Ground water abstraction charge View																			
			Area: <input type="checkbox"/> Environment Compensation																								
		<table border="1"> <thead> <tr> <th>SN</th> <th>Date From</th> <th>Date To</th> <th>Daily Quantum (m3/day)(KLD)</th> <th>Annual Quantum (m3/Year)(KLY)</th> <th>Area Type Category</th> <th>Reason Name</th> <th>Rate</th> <th>Amount</th> <th>Remark</th> </tr> </thead> <tbody> <tr> <td colspan="10">No Record Exists.</td> </tr> </tbody> </table>						SN	Date From	Date To	Daily Quantum (m3/day)(KLD)	Annual Quantum (m3/Year)(KLY)	Area Type Category	Reason Name	Rate	Amount	Remark	No Record Exists.									
SN	Date From	Date To	Daily Quantum (m3/day)(KLD)	Annual Quantum (m3/Year)(KLY)	Area Type Category	Reason Name	Rate	Amount	Remark																		
No Record Exists.																											
Current Stage :		Application Verification Stage																									
Current Status :		Submitted																									
Address :		Central Ground Water Authority 18/11, Jamnagar House, Man Singh Road NEW DELHI DELHI																									
Current Status																											
Application Verification <table border="1"> <thead> <tr> <th>Receive Date</th> <th>From User Name</th> <th>To User Name</th> <th>Forwarded User Name</th> <th>Action Date</th> <th>Action Internal Status</th> <th>Action Comment</th> <th>Copy of Application Received On</th> </tr> </thead> <tbody> </tbody> </table>								Receive Date	From User Name	To User Name	Forwarded User Name	Action Date	Action Internal Status	Action Comment	Copy of Application Received On												
Receive Date	From User Name	To User Name	Forwarded User Name	Action Date	Action Internal Status	Action Comment	Copy of Application Received On																				

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NOCAP

Contact

16/04/2024		(Evaluation Officer) Central Ground Water Authority			In Process		
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Application Processing

Receive Date	From User Name	To User Name	Forwarded User Name	Action Date	Action Internal Status	Action Comment	Ground Water Recom Per Day	Ground Water Recom Annual
No Record for this Stage.								

NOC Processing

Receive Date	From User Name	To User Name	Forwarded User Name	Action Date	Action Internal Status	Action Comment
No Record for this Stage.						

NOC Disbursement

Receive Date	From User Name	To User Name	Forwarded User Name	Action Date	Action Internal Status	Action Comment
No Record for this Stage.						

Go Back



भारत सरकार
जल शक्ति मंत्रालय
जल संसाधन, नदी विकास
और गंगा संरक्षण विभाग
केन्द्रीय भूमि जल प्राधिकरण
Government of India
Ministry of Jal Shakti
Department of Water Resources,
River Development & Ganga Rejuvenation
Central Ground Water Authority

(भूजल निकासी हेतु अनापत्ति प्रमाण पत्र)
NO OBJECTION CERTIFICATE (NOC) FOR GROUND WATER ABSTRACTION

Project Name:	Bihar Distillers And Bottlers Pvt. Ltd.		
Project Address:	Village- Devadi, Block- Garhani,, Tehsil- Ara (sadar), District- Bhojpur,		
Village:	Deorhi	Block:	Ara
District:	Bhojpur	State:	Bihar
Pin Code:			
Communication Address:	M/s Bihar Distillers And Bottlers Pvt. Ltd., S.c.o.140-141, Sector 34-a Chandigarh, Chandigarh, Chandigarh, Chandigarh - 160022		
Address of CGWB Regional Office :	Central Ground Water Board Mid Eastern Region, 6th & 7th Floor, Lok Nayak Jai Prakash Bhawan, Frazer Road Dak Banglow, Patna, Bihar - 800011		

1. NOC No.:		CGWA/NOC/IND/REN/1/2022/7162													
2. Application No.:		21-4/146/BR/IND/2012						3. Category: (GWRE 2020)		Safe					
4. Project Status:		Existing Ground Water						5. NOC Type:		Renewal					
6. Valid from:		10/06/2021						7. Valid up to:		09/06/2024					
8. Ground Water Abstraction Permitted:															
Fresh Water				Saline Water				Dewatering				Total			
m ³ /day		m ³ /year		m ³ /day		m ³ /year		m ³ /day		m ³ /year		m ³ /day		m ³ /year	
6000.00		1980000.00													
9. Details of ground water abstraction /Dewatering structures															

(Compliance Conditions given overleaf)

This is an auto generated document & need not to be signed.

18/11, जामनगर हाउस, मानसिंह रोड, नई दिल्ली - 110011 / 18/11, Jamnagar House, Mansingh Road, New Delhi-110011

Phone: (011) 23383561 Fax: 23382051, 23386743

Website: cgwa-noc.gov.in

पानी बचाये - जीवन बचाये
SAVE WATER - SAVE LIFE

Validity of this NOC shall be subject to compliance of the following conditions:

Mandatory conditions:

- 1) Installation of tamper proof digital water flow meter with telemetry on all the abstraction structure(s) shall be mandatory for all users seeking No Objection Certificate and intimation regarding their installation shall be communicated to the CGWA within 30 days of grant of No Objection Certificate.
- 2) Proponents shall mandatorily get water flow meter calibrated from an authorized agency once in a year.
- 3) Construction of purpose-built observation wells (piezometers) for ground water level monitoring shall be mandatory as per Section 14 of Guidelines. Water level data shall be made available to CGWA through web portal. Detailed guidelines for construction of piezometers are given in Annexure-II of the guidelines.
- 4) Proponents shall monitor quality of ground water from the abstraction structure(s) once in a year. Water samples from bore wells/ tube wells / dug wells shall be collected during April/May every year and analysed in NABL accredited laboratories for basic parameters (cations and anions), heavy metals, pesticides/ organic compounds etc. Water quality data shall be made available to CGWA through the web portal.
- 5) In case of mining projects, additional key wells shall be established in consultation with the Regional Director, CGWB for ground water level monitoring four (4) times a year (January, May, August and November) in core as well as buffer zones of the mine.
- 6) In case of mining project the firm shall submit water quality report of mine discharge/ seepage from Govt. approved/ NABL accredited lab.
- 7) The firm shall report compliance of the NOC conditions online in the website (www.cgwa-noc.gov.in) within one year from the date of issue of this NOC.
- 8) Industries abstracting ground water in excess of 100 m³/d shall undertake annual water audit through certified auditors and submit audit reports within three months of completion of the same to CGWA. All such industries shall be required to reduce their ground water use by at least 20% over the next three years through appropriate means.
- 9) Application for renewal can be submitted online from 90 days before the expiry of NOC. Ground water withdrawal, if any, after expiry of NOC shall be illegal & liable for legal action as per provisions of Environment (Protection) Act, 1986.
- 10) This NOC is subject to prevailing Central/State Government rules/laws/norms or Court orders related to construction of tube well/ground water abstraction structure / recharge or conservation structure/discharge of effluents or any such matter as applicable.

General conditions:

- 11) No additional ground water abstraction and/or de-watering structures shall be constructed for this purpose without prior approval of the Central Ground Water Authority (CGWA).
- 12) The proponent shall seek prior permission from CGWA for any increase in quantum of groundwater abstraction (more than that permitted in NOC for specific period).
- 13) Proponents shall install roof top rain water harvesting in the premise as per the existing building bye laws in the premise.
- 14) The project proponent shall take all necessary measures to prevent contamination of ground water in the premises failing which the firm shall be responsible for any consequences arising thereupon.
- 15) In case of industries that are likely to contaminate the ground water, no recharge measures shall be taken up by the firm inside the plant premises. The runoff generated from the rooftop shall be stored and put to beneficial use by the firm.
- 16) Wherever feasible, requirement of water for greenbelt (horticulture) shall be met from recycled / treated waste water.
- 17) Wherever the NOC is for abstraction of saline water and the existing wells (s) is /are yielding fresh water, the same shall be sealed and new tubewell(s) tapping saline water zone shall be constructed within 3 months of the issuance of NOC. The firm shall also ensure safe disposal of saline residue, if any.
- 18) Unexpected variations in inflow of ground water into the mine pit, if any, shall be reported to the concerned Regional Director, Central Ground Water Board.
- 19) In case of violation of any NOC conditions, the applicant shall be liable to pay the penalties as per Section 16 of Guidelines.
- 20) This NOC does not absolve the proponents of their obligation / requirement to obtain other statutory and administrative clearances from appropriate authorities.
- 21) The issue of this NOC does not imply that other statutory / administrative clearances shall be granted to the project by the concerned authorities. Such authorities would consider the project on merits and take decisions independently of the NOC.
- 22) In case of change of ownership, new owner of the industry will have to apply for incorporation of necessary changes in the No Objection Certificate with documentary proof within 60 days of taking over possession of the premises.
- 23) This NOC is being issued without any prejudice to the directions of the Hon'ble NGT/court orders in cases related to ground water or any other related matters.
- 24) Proponents, who have installed/constructed artificial recharge structures in compliance of the NOC granted to them previously and have availed rebate of upto 50% (fifty percent) in the ground water abstraction charges/ground water restoration charges, shall continue to regularly maintain artificial recharge structures.
- 25) Industries which are likely to cause ground water pollution e.g. Tanning, Slaughter Houses, Dye, Chemical/ Petrochemical, Coal washeries, pharmaceutical, other hazardous units etc. (as per CPCB list) need to undertake necessary well head protection measures to ensure prevention of ground water pollution as per Annexure III of the guidelines.
- 26) In case of new infrastructure projects having ground water abstraction of more than 20 m³/day, the firm/entity shall ensure implementation of dual water supply system in the projects.
- 27) In case of infrastructure projects, paved/parking area must be covered with interlocking/perforated tiles or other suitable measures to ensure groundwater infiltration/harvesting.
- 28) In case of coal and other base metal mining projects, the project proponent shall use the advance dewatering technology (by construction of series of dewatering abstraction structures) to avoid contamination of surface water.
- 29) The NOC issued is conditional subject to the conditions mentioned in the Public notice dated 27.01.2021 failing which penalty/EC/cancellation of NOC shall be imposed as the case may be.
- 30) This NOC is issued subject to the clearance of Expert Appraisal Committee (EAC) (if applicable).

(Non-compliance of the conditions mentioned above is likely to result in the cancellation of NOC and legal action against the proponent.)

Bihar Distillers & Bottlers Pvt. Ltd.		
Six Monthly Compliance Report of Emission Consent Order for 600 KLPD Ethanol Plant & 14.2 MW Co- generation Power Plant		
S. No.	CONDITION	STATUS
1	That, he/they shall not make any alteration, addition, deletion or modification in the plant without the prior clearance from the Board and shall also abide by the obligations under sections 22, 23 and 31A of the Air (Prevention & control of Pollution) Act, 1981 and further shall extend co-operation to the Board in performing its functions entrusted under sections 24, 25 and 26 of the Act;	Noted and being adhered.
2	That, he/they shall comply with the requirements of Rule 14 of the Environment (Protection) Rules, 1986, provisions (whichever applicable) of the Hazardous and Other Wastes (Management & Transboundary Movement), Rule 2016; Rules 4, 5, 7, 8, 10, 11, 12, 13, 15, 17 and 18 of the Manufacture, storage and Import of Hazardous Chemical Rules, 1989; and the provisions of the Public Liability Insurance Act, 1991, whichever is applicable;	Noted and being adhered.
3	That, he/they shall monitor his/their emission(s) and the ambient air quality from representative point regularly and shall maintain its quality in conformity with Board's standards and shall produce its proof, as and when asked for;	Being Complied: The Company is monitoring its emission(s) and the ambient air quality at designated points regularly and maintaining its quality in conformity with Board's standards.
4	That, he/they shall submit application for consent again 30 days before the expiration of the period of consent or within 30 days from the date of receipt of this order, whichever is applicable;	Noted.
5	That, the unit shall operate its air pollution control device (ESP) regularly and shall maintain the emission standard;	Being Complied: The Company is operating its air pollution control device i.e. Electrostatic Precipitator (ESP) regularly and maintaining the emission standard.
6	That, the unit shall develop pucca roads inside the premises within 3 months;	Being Complied: The roads inside the premises have been constructed.
7	That, they shall ensure installation/function of following online monitoring system: Online Emission Monitoring System: a) Distillery having dedicated boilers shall provide online continuous stack emission monitoring system at the designated out let point (as specified by SPCB) for the boiler stack with required real time data logging and data transmission facility to SPCB and CPCB for the Particulate Matter (PM) parameter. The location of device shall be according to the	Online Emission Monitoring System: a) Being Complied: The Company has provided online continuous stack emission monitoring system at the designated out let point (as specified by SPCB) for the boiler stack with required real time data logging and data transmission facility to SPCB and CPCB for the Particulate Matter (PM) parameter.



Annexure- A

	<p>Emission regulation Part-III document of CPCB;</p> <p>b) That, continuous online 24x7) monitoring system installed for emission shall be continued and maintained Data to be uploaded on company's website and provided to the CPCB/SPCB server;</p>	<p>b) Being Complied: Continuous online (24x7) monitoring system has been installed for emission.</p>
8	<p>That, rice husk shall be stored in covered shed in such a way that it does not get air borne or fly around due to wind;</p>	<p>Being Complied: Presently, the fuel feeding points at the boilers have been covered from where the daily requirement of husk is being met. Also, the boilers fuel conveyers have been covered to avoid husk getting air borne. The company had covered the rice husk stock with durable mesh in the storage areas to prevent it from getting air borne.</p>
9	<p>That, they shall ensure adequate air pollution control devices (APCD-ESP/Bagfilter) to meet the boiler stack emission to be within prescribed limit;</p>	<p>Being Complied: ESPs have been provided along with stacks of adequate height with the existing AFBC boilers which are using rice husk/coal/wood chips as fuel. The emissions are always well within the prescribed limit.</p>
10	<p>That, the emission of particulate matter (PM) from boiler stack shall be maximum 50mg/Nm³;</p>	<p>Being Complied: The emissions are always well within limit of 50 mg/Nm³. (See monitoring report by NABL as Annexure – A1)</p>
11	<p>That, the height of stack shall be ensured minimum of 30 meters or, as per the formula $H=14(Q)^{0.3}$, whichever is more, where "H" is the height of stack in meters and "Q" is the maximum quantity of SO₂ expected to be emitted in kg/hr through the stack at 100 percent rated capacity of the plant and calculated as per the norms of gaseous emission;</p>	<p>Being Complied: Adequate height of Stacks have been provided for both the AFBCs boilers and gaseous emissions are well within the stipulated norms.</p>
12	<p>That, dust material/ash collected in APCD shall be disposed in proper manner and it shall not be disposed off on road side outside the campus. They shall submit ash disposal and management plan to the Board within 3 months;</p>	<p>Being Complied: The Company has entered into an agreement with Ash lifting Contractor who is supplying fly ash generated from the boilers to the nearby villages of Barap, Balligaon, Kahen, Dulhiganj, Karup for brick manufacturing/ paver tiles manufacturing, in covered vehicles.</p>
13	<p>That, they shall submit ambient air quality (AAQ) monitoring report quarterly and the locations of ambient air quality monitoring stations shall be decided in consultation with the BSPCB and it shall be ensured that at least one stations is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated;</p>	<p>Being Complied: The Company is monitoring ambient air quality (AAQ) on quarterly basis through NABL certified lab, and the results are being submitted on regular basis. The locations for ambient air quality monitoring stations had been decided in consultation with the Bihar State Pollution Control Board (BSPCB). (See monitoring report by NABL and approval copy of locations by BSPCB as annexure –A2& A3 respectively.)</p>



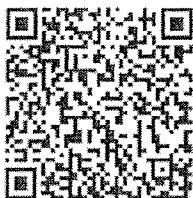
14	That, ambient air quality (including noise) shall be carried out regularly as per CPCB norms/under the Rules/EC and reports shall be submitted to the Board & MOEF & CC, accordingly;	Being Complied: The, ambient air quality (including noise) is being monitored on regular basis and reports have submitted to the Board & MoEF&CC. (See self monitoring report of ambient air quality and ambient noise level as annexure A4 and A5 respectively).
15	That, they shall comply with the following as under: i. The unit shall submit monitoring report of benzene parameter with other VOCs in 'Indoor Ambient Air' of distillation section, ethanol storage and its loading/unloading area, ii. They shall also submit monitoring report of benzene parameter with other in 'Ambient Air' of distillery unit; and iii. These monitoring shall be done quarterly and report shall be submitted to the Board accordingly;	Being Complied: <ul style="list-style-type: none"> The Company is monitoring benzene parameter with other VOCs in 'Indoor Ambient Air' of distillation section, ethanol storage and its loading/unloading area. (See monitoring report as Annexure A6) The Company is also monitoring benzene parameter with other in 'Ambient Air' of distillery unit The Monitoring is being done on quarterly basis and reports being submitted.
16	That, proper management of fermentation house, no longer retention of fermented wash etc to avoid generation of putrefying microorganism shall be practiced to control odour problems and to protect nearby school/local ecology of the area;	Being Complied: Proper management of fermentation house has been provided to avoid generation of putrefying microorganism and odour problems.
17	That, they should ensure good housekeeping including road dust collection, regular mechanical sweeping, water sprinkling etc and maintain a log book in this regard;	Being Complied: The Company is ensuring good housekeeping including road dust collection and water sprinkling etc, and maintaining log book too.
18	That, diesel generating sets (DG Sets), if any; as source of backup power should be provided with an integral acoustic enclosure and the maximum permissible sound pressure level for new D G set shall be 75 dB(A) at 1 meter from the enclosure surface. The height of exhaust of DG sets should be as: Exhaust Stack Height formula:- $(H_t \text{ of Building in meter} + 0.2\sqrt{\text{kVA}}) \text{ m}$; it should be installed on pucca base with anti vibration pads;	Being Complied: One DG set of 1000 kVA capacity had been earlier installed for back-up purposes but is not in use, as back-up power from Grid is available. However, enclosure for DG has been provided & stack of adequate height has been installed. Captive power requirement is being met from the turbine.
19	That, they shall ensure all possible measures to be implemented to control noise pollution and the ambient noise levels should conform to the standards prescribed under the Noise Pollution (Regulation and Control) Rules, 2000, as amended to date viz. 75 dB (A) during day time and 70 dB (A) during night time.	Being Complied: The overall noise levels in and around the plant area have been kept well within the standards by providing noise control measures. The ambient noise levels are well within the standards prescribed i.e. 75 dBA (day time) and 70 dBA (night time). (See monitoring report as annexure –A7).
20	That, massive tree plantation shall be done in compliance of EC Condition and to improve ecology of the surroundings specially to minimize fugitive dust in the ambient air;	Being Complied: The Company has already initiated the action for greenbelt densification @2500 trees per hectares by planting various species of trees within the project area, although the desired plantation on 33% of the project area as per greenbelt development requirements had been fulfilled.



Annexure- A

21	That, the Environmental Statement as prescribed in the E (P) Rules, 1986 [see rule 14] for the each financial year ending the 31 st March, shall be submitted by the month of September every year;	Being Complied: Last environmental statement for the period ending 31st March 2023 has been submitted to State Pollution Control Board vide letter dated 18 July 2023 .
22	That, they shall comply with the provisions (whichever applicable) of the Solid Waste Management Rules, 2016. Separate wet and dry bins must be provided and segregation of dry waste (in blue bin) wet waste (in green bin) and domestic hazardous waste (in black bin) must be ensure, wet waste must be composted inside the premises and dry & domestic hazardous waste shall be handed over to the local body. Non-biodegradable waste and dry waste like rejected corrugated cardboard; waste paper etc may be handed over to the recyclers registered with Bihar State Pollution Control Board;	Being Complied: Separate wet and dry bins have been provided and segregation of dry waste (in blue bin) wet waste (in green bin) and domestic hazardous waste (in black bin) being ensured.
23	That, they shall make provisions for display of data outside main factory gate about quantity and quality of water discharge and air emission along with solid waste generated within the factory premises;	Being Complied: Provisions has been made for display of data outside main factory gate about quantity and quality of water discharge and air emission along with solid waste generated within the factory premises.
24	That, overall compliance report of CTO conditions shall be submitted half yearly to the Board;	Noted.
25	That, notwithstand any thing stated above; the applicant unit shall abide by all the provisions of the environmental laws including policies and guidelines made there under;	Noted and being adhered.
26	That, this CTO is granted on basis of undertaking/document up-loaded by the applicant and it is subject to the condition that in the event of any information/documents submitted by the proponent are found false or misleading at any stage, the CTO granted, shall be revoked at proponent's risk and cost and legal action shall be initiated;	Noted.





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TEST REPORT

Ref. No. STH/TR/24-25/139		Dt: 11.04.2024		Your Work Order No. BDBPL/2023-24/WO-32A		Dt: 15.06.2023	
[a] Name and address of the Customer				BIHAR DISTILLERS & BOTTLERS PVT. LTD. VILL. DEVRI P.O.: GARHANI ARRAH DIST. BHOJPUR – 802 203			
[b] Details of Sample				Monitoring of Stack Emission			
[c] Sample Collected by				By Prem Kumar (Lab Representative) of Shiva Test House on 03.04.24			
[d] Sampling Location				Premises of Bihar Distillers & Bottlers Pvt. Ltd.,			
[e] Method of Sampling				IS 11255 (Part-1,2,3 & 7)			
[f] Sampling Environmental Condition				Temp. (°C)	36	Humidity (%)	52
[g] Details of Sample Container (No. & Type of Container)				Thimble & Glass Impinger			
[h] Instrument ID				VSS-1PLS			
[i] Sample Quantity				60 ml			
[j] Sample Code				ST-139/04/24			
[k] Sample Condition on Receipt				Fit for Analysis			
[l] Items required to be tested				As per contract			
[m] Whether any specific Method of Test has been suggested by the customer				No			
[n] Date of receiving the sample in Laboratory				04.04.24			
[o] Analysis Start Date / Analysis Completion Date				04.04.24 / 09.04.24			
Parameters		Unit	Method of Test		Results		
1. Type of Fuel					Rice Husk		
2. Stack Connected to.					ESP connected with Boiler (52 TPH)		
3. Stack No.					II		
4. Height of Stack (as reported)		Meter			55.0		
5. Dia. of Stack at Top (as reported)		Meter			2.5		
6. Material of Construction		---			RCC		
7. Ambient Temperature		°C			36.0		
8. Flue Gas Temperature		°C			118.0		
9. Velocity		m/sec.	IS 11255 (Part-3)		8.4		
10. Volumetric Flow Rate		NM ³ /hr.			113397.3		
11. Sampling Point		Meter			22.0		
					Limit as per EPA Notification	Concentration	
12. Particulate Matter (P.M.)		mg / NM ³	IS 11255 (Part-1)		250.00 mg / NM ³	26.1	
13. Sulphur Dioxide (SO ₂)		mg / NM ³	IS 11255 (Part-2)		Not Specified	13.8	
14. Oxides of Nitrogen (NO _x)		mg / NM ³	IS 11255 (Part-7)		Not Specified	39.2	

Shibeswar Prasad

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Verified by :

Dr. Shibeswar Prasad
Technical Manager



Shreyasee Prasad

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Authorized Signatory

Dr. (Mrs.) Shreyasee Prasad
Quality Manager

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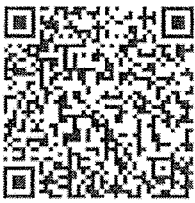
122-C, Aastha, Road No. 5A, Patliputra Colony, Patna – 800 013 (Bihar)

Mob.: +918676886249 ; +919431047908

Email : sthpatna1@yahoo.co.in ; info@shivatest.com

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TEST REPORT

Ref. No. STH/TR/24-25/140		Dt: 11.04.2024		Your Work Order No. BDBPL/2023-24/VO-32A		Dt: 15.06.2023	
[a] Name and address of the Customer				BIHAR DISTILLERS & BOTTLERS PVT. LTD. VILL. DEVRI P.O.: GARHANI ARRAH DIST. BHOJPUR – 802 203			
[b] Details of Sample				Monitoring of Stack Emission			
[c] Sample Collected by				By Prem Kumar (Lab Representative) of Shiva Test House on 03.04.24			
[d] Sampling Location				Premises of Bihar Distillers & Bottlers Pvt. Ltd.,			
[e] Method of Sampling				IS 11255 (Part-1,2,3 & 7)			
[f] Sampling Environmental Condition				Temp. (°C)	36	Humidity (%)	52
[g] Details of Sample Container (No. & Type of Container)				Thimble & Glass Impinger			
[h] Instrument ID				VSS-1PLS			
[i] Sample Quantity				60 ml			
[j] Sample Code				ST-140/04/24			
[k] Sample Condition on Receipt				Fit for Analysis			
[l] Items required to be tested				As per contract			
[m] Whether any specific Method of Test has been suggested by the customer				No			
[n] Date of receiving the sample in Laboratory				04.04.24			
[o] Analysis Start Date / Analysis Completion Date				04.04.24 / 09.04.24			
Parameters		Unit	Method of Test		Results		
1. Type of Fuel			IS 11255 (Part-3)		Rice Husk		
2. Stack Connected to					ESP connected with Boiler (95 TPH)		
3. Stack No.					I		
4. Height of Stack (as reported)		55.0					
5. Dia. of Stack at Top (as reported)		3.43					
6. Material of Construction		RCC					
7. Ambient Temperature		36.0					
8. Flue Gas Temperature		122.0					
9. Velocity		m/sec.			8.7		
10. Volumetric Flow Rate		NM³/hr.			219340.8		
11. Sampling Point		Meter			22.0		
					Limit as per EPA Notification		Concentration
12. Particulate Matter (P.M.)		mg / NM³	IS 11255 (Part-1)		250.00 mg / NM³		27.6
13. Sulphur Dioxide (SO₂)		mg / NM³	IS 11255 (Part-2)		Not Specified		14.1
14. Oxides of Nitrogen (NOx)		mg / NM³	IS 11255 (Part-7)		Not Specified		39.2

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Authorized Signatory
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Quality Manager

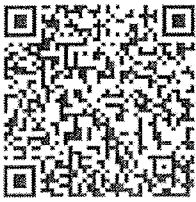
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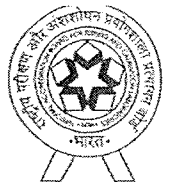
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TEST REPORT

Ref. No. STH/TR/24-25/141	Dt: 11.04.2024	Your Work Order No. BDBPL/2023-24/VO-32A	Dt: 15.06.2023
[a] Name and address of the Customer		BIHAR DISTILLERS & BOTTLERS PVT. LTD. VILL. DEVRI P.O.: GARHANI ARRAH DIST. BHOJPUR – 802 203	
[b] Details of Sample		Monitoring of Stack Emission	
[c] Sample Collected by		By Prem Kumar (Lab Representative) of Shiva Test House on 03.04.24	
[d] Sampling Location		Premises of Bihar Distillers & Bottlers Pvt. Ltd.,	
[e] Method of Sampling		IS 11255 (Part-1,2,3 & 7)	
[f] Sampling Environmental Condition		Temp. (°C)	36 Humidity (%) 52
[g] Details of Sample Container (No. & Type of Container)		Thimble & Glass Impinger	
[h] Instrument ID		VSS-1 PLS	
[i] Sample Quantity		60 ml	
[j] Sample Code		ST-141/04/24	
[k] Sample Condition on Receipt		Fit for Analysis	
[l] Items required to be tested		As per contract	
[m] Whether any specific Method of Test has been suggested by the customer		No	
[n] Date of receiving the sample in Laboratory		04.04.24	
[o] Analysis Start Date / Analysis Completion Date		04.04.24 / 09.04.24	

Parameters	Unit	Method of Test	Results
1. Type of Fuel			HSD
2. Stack Connected to			DG Set 1000 KVA (Cummins Make, Sl. N. RB30492910941083)
3. Stack No.			III
4. Height of Stack (as reported)	Meter		5.0 M.
5. Dia. of Stack at Top (as reported)	Meter		0.15 M.
6. Material of Construction	---		M.S.
7. Ambient Temperature	°C		36.0
8. Flue Gas Temperature	°C		132.0
9. Velocity	m/sec.	IS 11255 (Part-3)	7.4
10. Volumetric Flow Rate	NM ³ /hr.		347.8
11. Sampling Point	---		Top of Exhaust
			Limit as per EPA Notification
12. Particulate Matter (P.M.)	mg / NM ³	IS 11255 (Part-1)	75.00 mg / Nm ³
13. Sulphur Dioxide (SO ₂)	mg / NM ³	IS 11255 (Part-2)	Not Specified
14. Oxides of Nitrogen (NOx)	mg / NM ³	IS 11255 (Part-7)	710.00 mg / Nm ³

* : Emission Standards for Diesel Engines for Power Plant, Generator Set Application and other Requirements

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Verified by :
Dr. Shibeshwar Prasad
Technical Manager

Authorized Signatory
Dr. (Mrs.) Shreyasee Prasad
Quality Manager

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Annexure - A2



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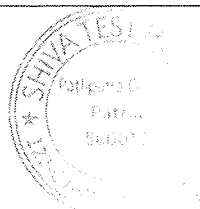
TEST REPORT

Ref. No. STH/TR/24-25/136-138		Dt: 11.04.2024		Your Work Order No. BDBPL/2023-24/VO-32A		Dt: 15.06.2023	
[a] Name and address of the Customer				BIHAR DISTILLERS & BOTTLERS PVT. LTD. VILL. DEVRI P.O.: GARHANI, ARRAH DIST. BHOJPUR – 802 203			
[b] Details of Sample				Monitoring of Ambient Air Quality			
[c] Sample Collected by				By Prem Kumar (Lab Representative) of Shiva Test House on 03.04.24			
[d] Sampling Location				Premises of Bihar Distillers & Bottlers Pvt. Ltd.			
[e] Method of Sampling				IS 5182 (Part - 14)			
[f] Sampling Environmental Condition				Temp. (°C)	36	Humidity (%)	52
[g] Details of Sample Container (No. & Type of Container)				Filter Paper; Glass Impinger			
[h] Instrument ID				STH/Equip/83, 70,84,71,85,72			
[i] Sample Quantity				30 ml x 18 (for each NO ₂ , SO ₂)			
[j] Sample Condition on Receipt				Fit for Analysis			
[k] Items required to be tested				As per contract			
[l] Whether any specific Method of Test has been suggested by the customer				No			
[m] Date of receiving the sample in Laboratory				04.04.24			
[n] Analysis Start Date / Analysis Completion Date				04.04.24 / 09.04.24			
Parameters	Unit	Method of Test	Limit as per NAAQS 2009	Sampling Station / Result			
				Near Main Gate (SC-A-136/04/24)	Near Warehouse (SC-A-137/04/24)	Near Packing Material Store (SC-A-138/04/24)	
Particulate Matter (PM ₁₀)	µg / m ³	IS 5182 (Part-23)	100 µg / m ³	71.8	68.8	68.9	
				65.8	65.0	64.2	
				70.1	67.2	67.7	
Particulate Matter (PM _{2.5})	µg / m ³	IS 5182 (Part-24)	60 µg / m ³	40.5	45.2	40.5	
				31.6	31.4	30.4	
				41.8	41.4	39.2	
Sulphur Dioxide as SO ₂	µg / m ³	IS 5182 (Part-2)	80 µg / m ³	16.1	16.8	15.1	
				14.4	14.1	12.3	
				11.1	10.9	10.1	
				10.1	11.9	9.1	
				13.1	12.8	13.1	
Nitrogen Dioxide as NO ₂	µg / m ³	IS 5182 (Part-6)	80 µg / m ³	15.1	15.8	16.1	
				41.0	40.3	40.	
				32.1	37.0	37.7	
				24.6	26.2	24.6	
				28.0	23.5	26.0	
Average Value				33.5	35.6	33.5	
				39.0	41.0	38.3	
PM ₁₀	µg / m ³			69.3	67.0	66.9	
PM _{2.5}	µg / m ³			38.0	39.3	36.7	
SO ₂	µg / m ³			13.3	13.7	12.6	
NO ₂	µg / m ³			33.1	33.9	33.4	

Shibeswar Prasad

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Date: 2024.04.11
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Verified by :
Dr. Shibeshwar Prasad
Technical Manager



Shreyasee Prasad

Digitally signed by Shreyasee Prasad
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Quality Manager

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TEST REPORT

Ref. No. STH/TR/24-25/136-138(B)		Dt: 11.04.2024		Your Work Order No. BDBPL/2023-24/WO-32A		Dt: 15.06.2023			
[a] Name and address of the Customer		BIHAR DISTILLERS & BOTTLERS PVT. LTD. VILL. DEVRI P.O.: GARHANI ARRAH DIST. BHOJPUR – 802 203							
[b] Details of Sample		Monitoring of Ambient Air Quality							
[c] Sample Collected by		By Prem Kumar (Lab Representative) of Shiva Test House on 03.04.24							
[d] Sampling Location		Premises of Bihar Distillers & Bottlers Pvt. Ltd.							
[e] Method of Sampling		IS 5182 (Part - 14)							
[f] Sampling Environmental Condition		Temp. (°C)		36		Humidity (%)		52	
[g] Details of Sample Container (No. & Type of Container)		Filter Paper ; Glass Impinger							
[h] Sample Quantity		30 ml x 18 (for each NO ₂ , SO ₂)							
[i] Items required to be tested		As per contract							
[j] Whether any specific Method of Test has been suggested by the customer.		No							
[k] Date of receiving the sample in Laboratory		04.04.24							
[l] Analysis Start Date / Analysis Completion Date		04.04.24 / 09.04.24							
Parameters	Method of Test	Unit	Specification as per NAAQS (Nov. '2009)	Sampling Station / Results					
				Near Main Gate (SC-A-136/04/24)	Near Warehouse (SC-A-137/04/24)	Near Packing Material Store (SC-A-138/04/24)			
1. Carbon Monoxide (CO)	IS 5182 (Part-10)	mg / m ³	4	0.46	0.46	0.34			
2. Benzene (C ₆ H ₆)	IS 5182 (Part-12)	µg / m ³	5	0.12	0.15	0.17			

Shibeswar
Prasad

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Shibeswar Prasad
Date: 2024.04.11
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Verified by :
Dr. Shibeshwar Prasad
Technical Manager



Shreyasee
Prasad

Digitally signed by
Shreyasee Prasad
Date: 2024.04.11
15:54:17 +05'30'

Authorized Signatory
Dr. (Mrs.) Shreyasee Prasad
Quality Manager

-- END OF TEST REPORT --

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Page 1 of 1

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Mob.: +918676886249 ; +919431047908 Email : sthpatal@yahoo.co.in ; info@shivatest.com
Website : www.shivatest.com ; www.shivatesthouse.com





बिहार राज्य प्रदूषण नियंत्रण पर्वद

परिवेश भवन, प्लॉट न०-एन.एस-बी/2, औद्योगिक क्षेत्र,
पाटलीपुत्रा, पटना-800010

पत्रांक: 2781

पटना, दिनांक: 18.8.22

प्रेषक

एस० चन्द्रशेखर, भा० व० से०

सदस्य सचिव

सेवा में

निदेशक,

मे० बिहार डिस्टीलर्स एण्ड बोटलर्स (प्रा०) लि०,

ग्राम-देवरी, पो०+अंचल-गरहनी,

अनुमंडल-आरा, जिला-भोजपुर-802301

विषय: इकाई परिसर के अन्दर पर्यावरणीय वायु के नमूना संग्रहण हेतु तीन स्टेशनों के निर्धारण के संबंध में।

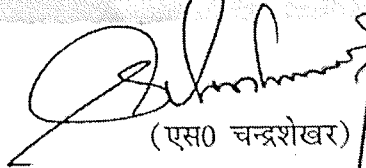
प्रसंग: आपका पत्र दिनांक 23.06.2022

महाशय,

उपर्युक्त विषयक एवं प्रसंग के संबंध में सूचित करना है कि पर्यावरणीय स्वीकृति दिनांक 06.05.2021 के शर्तों के अनुपालन के क्रम में इकाई परिसर के अन्दर पर्यावरणीय वायु के नमूना संग्रहण हेतु तीन स्टेशनों के निर्धारण हेतु प्रस्ताव मैप सहित जमा किया गया। उक्त मैप की जांच की गयी तथा प्रस्ताव के आलोक में निम्नलिखित तीन बिन्दुओं पर सैम्पलिंग स्टेशन के रूप में स्वीकृति प्रदान किया जाता है:

- इकाई के मुख्य गेट के पास;
 - वेयर हाउस के नजदीक; एवं
 - पैकिंग मेटेरियल स्टोर के नजदीक।
- सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित।

विश्वासभाजन


(एस० चन्द्रशेखर)
सदस्य सचिव

Name of Company	: Bihar Distillers & Bottlers Pvt. Ltd.
Address of works	: Village Devri, P.O. Garhani, Distt. Arrah (Bhojpur), Bihar
Name and address of lab, which conducted the monitoring	: Self
Status of industry under Air (Prevention & Control of Pollution) Act 1981	: Consent to operate granted for 250 KLPD which is valid up to August 2025 & 600 KLPD which is valid upto December 2027.

:From October 2023 to March 2024


For Bihar Distillers & Bottlers Pvt. Ltd.

Mr. Chandresh Kumar Dubey - Director

BIHAR DISTILLERS & BOTTLERS PVT. LTD.

REPORT ON NOISE LEVEL

Name of Company	: Bihar Distillers & Bottlers Pvt. Ltd.
Address of works	: Village Devri, P.O. Garhani, Distt. Arrah (Bhojpur), Bihar
Name and address of lab, which conducted the monitoring	: Self

Status of Noise Level (in dBA) from October 2023 to March 2024				
S. NO.	TYPE OF AREA	Day Time		Night Time
		6 AM TO 10 PM		
1	Industrial	63.2	64.1	54.8
2	Residential	44.6	46.5	38.4
<p style="text-align: center;"> For Bihar Distillers & Bottlers Pvt. Ltd.  Bihar Distillers & Bottlers Pvt. Ltd. Mr. Chandresh Kumar Dubey - Director </p>				

For Bihar Distillers & Bottlers Pvt. Ltd.
Bihar Distillers & Bottlers Pvt. Ltd.
Mr. Chandresh Kumar Dubey - Director
Auth. Signatory



SHIVA TEST HOUSE

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TEST REPORT

Ref. No. STH/TR/NN/24-25/2-4		Dt: 11.04.2024		Your Work Order No. BDBPL/2023-24/VO-32A		Dt: 15.06.2023	
[a] Name and address of the Customer				BIHAR DISTILLERS & BOTTLERS PVT. LTD. VILL. DEVRI P.O.: GARHANI ARRAH DIST. BHOJPUR – 802 203			
[b] Details of Sample				Monitoring of VOC in Indoor Ambient Air			
[c] Sample Collected by				By Prem Kumar (Lab Representative) of Shiva Test House on 03.04.24			
[d] Sampling Location				Within Project Premises			
[e] Method of Sampling				IS 5182 (Part - 14)			
[f] Sampling Environmental Condition				Temp. (°C)	36	Humidity (%)	52
[g] Details of Sample Container (No. & Type of Container)				Filter Paper: Glass Impinger			
[h] Sample Quantity				3			
[i] Items required to be tested				As per contract			
[j] Whether any specific Method of Test has been suggested by the customer				No			
[k] Date of receiving the sample in Laboratory				04.04.24			
[l] Analysis Start Date / Analysis Completion Date				04.04.24 / 09.04.24			
Parameters	Unit	Method of Test	Specification as per NAAQS (Nov.'2009)	Sampling Station/ Results			
				Loading / Unloading Area (V-2)	Ethanol Storage (V-3)	Distillation Section (V-4)	
1. V.O.C as Total Hydrocarbons	µg / m³	CPCB GMAAP	Not Specified	1.14	1.79	1.77	

Shibeswar Prasad

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Shibeswar Prasad
Date: 2024.04.11
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Verified by :
Dr. Shibeshwar Prasad
Technical Manager



Shreyasee Prasad

Digitally signed by
Shreyasee Prasad
Date: 2024.04.11
15:57:54 +05'30'

Authorized Signatory
Dr. (Mrs.) Shreyasee Prasad
Quality Manager

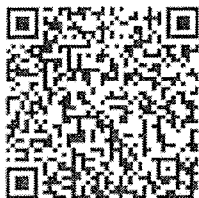
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TC-10582

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TEST REPORT

Ref. No. STH/TR/24-25/142		Dt: 11.04.2024		Your Work Order No. BDBPL/2023-24/WO-32A		Dt: 15.06.2023	
[a]	Name and address of the Customer			BIHAR DISTILLERS & BOTTLERS PVT. LTD. VILL. DEVRI P.O.: GARHANI ARRAH DIST. BHOJPUR – 802 203			
[b]	Sampling Environmental Condition			Temp. (°C)	36	Humidity (%)	52
[c]	Details of Sample			Monitoring of Ambient Noise Level (Day & Night Time) within plant Premises			
[d]	Monitored by			By Prem Kumar (Lab Representative) of Shiva Test House on 03.04.24			
[e]	Whether any specific Method of Test has been suggested by the party			No			
Sampling Location		Unit	TWA of Noise Level				
			Daytime (6:00 am to 10:00 pm)	Nighttime (10:00 pm to 6:00 am)			
1. Near Main Gate		dB(A)	64.6	53.6			
2. Near Boiler Section		dB(A)	63.8	54.8			
3. Near Packing Material Store		dB(A)	68.2	56.2			
N.B.:	The Ambient Air Quality Standards in respect of Noise as per Noise Pollution (Regulation and Control) Rules 2000 for Industrial area is 75.0 dB(A), for Commercial area is 65.0 dB(A), for Residential area is 55.0 dB(A) & for Silence Zone is 50.0 dB(A) in daytime i.e. 6.00 am to 9.0 p.m. As per Rule 7(1&2) the authority shall take action against violator if the noise level exceed the ambient noise standards by 10 dB(A) or more against any area/zone.						

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Shreyasee Prasad
Date: 2024.04.11
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Verified by :
Dr. Shibeshwar Prasad
Technical Manager

Authorized Signatory
Dr. (Mrs.) Shreyasee Prasad
Quality Manager

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Email : sthpatal@yahoo.co.in , info@shivatest.com

Website : www.shivatest.com ; www.shivatesthouse.com



Bihar Distillers & Bottlers Pvt. Ltd.**Six Monthly Compliance Report of Discharge Consent Order for 600 KLPD Ethanol Plant & 14.2 MW Co-generation Power Plant**


S. No.	CONDITION	STATUS
1	That, he/they shall not make any alteration, addition, deletion or modification in the plant without the prior clearance from the Board and shall also abide by the obligations under sections 24, 31 and 33A of the Water (Prevention & control of Pollution) Act, 1974 and further shall extend co-operation to the Board in performing its functions entrusted under sections 20, 21, 23, 30 and 32 of the Act;	Noted and being Complied.
2	That, he/they shall comply with the requirements of Rule 14 of the Environment (Protection) Rules, 1986, provisions (whichever applicable) of the Hazardous and Other Wastes (Management & Transboundary Movement), Rule 2016; Rules 4, 5, 7, 8, 10, 11, 12, 13, 15, 17 and 18 of the Manufacture, storage and Import of Hazardous Chemical Rules, 1989; and the provisions of the Public Liability Insurance Act, 1991, whichever is applicable;	Noted and being adhered.
3	That, he/they shall monitor his/their effluent(s) regularly and maintain its quality in conformity with Board's standards and shall produce its proof, as and when asked for;	Being Complied: The Company is monitoring the effluent(s) regularly and maintaining its quality in conformity with Board's standards. (See attached report as Annexure- B1)
4	That, he/they shall submit application for consent again 30 days before the expiration of the period of consent or within 30 days from the date of receipt of this order, whichever is applicable;	Noted.
5	That, the plant shall never exceed the maximum capacity defined i.e. 600 KLD of ethanol;	Being Complied: The plant has never exceeded the defined capacity i.e. 600 KLD.
6	That, they shall comply with the conditions of Environmental Clearance (EC) as special conditions and general conditions and compliance/progress report shall be submitted to the Board;	Being Complied: Six monthly compliance report of the Environmental Clearance conditions is being submitted on a regular basis.
7	That, total fresh water requirement from ground water source shall not exceed as per NOC issued by CGWA/SGWA;	Being Complied: Total fresh water requirement from ground water source has been adhered to during the operation of the distillery unit and never exceeded the limit. The company has applied for NOC renewal for Ground water abstraction from CGWA. (See copy as annexure B-2)
8	That, water meter conforming to ISO standards shall be installed at the inlet point of water uptake as well as at all necessary points to monitor the daily water consumption. Use of water efficient devices/fixtures and appliance should be promoted;	Being Complied: Water meters conforming to ISO standards have been installed at the inlet point of water uptake as well as at all necessary points to monitor the daily water consumption. The Company is promoting the use of water efficient devices/fixtures and appliance within the plant premises.



9	That, they shall submit exclusive layout drainage map of surface run-off water, industrial waste water (if any) and domestic wastewater with indication of their source and discharge points;	Being Complied: The Company is hereby submitting the drainage map of surface run-off water and domestic wastewater with indication of their source and discharge points. (See drainage map as Annexure B-3)
10	That, spent wash generation from grain based operation shall not exceed 6 KL/KL of alcohol. The spent wash shall be treated through decanter and concentrated in multi-effect evaporator (MEE) to form Distiller's Wet Grains with Soluble (DWGS). DWGS shall be dried to form Distiller's Dry Grains with Soluble DDGS. The condensate from MEE will be recycled back to the process. Yeast sludge shall be utilized for bio-composting. DWGS/DDGS will be sold as cattle feed;	Being Complied: Spent wash generation from grain based operation is never exceeding 6 KL/KL of alcohol. Spent wash from the grain based distillery is being treated through decanters and the thin slop is concentrated in multi-effect evaporator (MEE). The syrup from MEE is mixed with wet cake from decanters and then it is dried in dryers to form Animal Feed Supplement. Complete ZLD is in place.
11	That, the spent wash shall be stored in impervious pucca lagoon with proper lining with HDPE and shall be kept in proper condition to prevent ground water pollution. The storage of spent wash shall not exceed 5 days capacity,	Being Complied: Spent wash storage facility has been provided in SS closed tank.
12	That, no effluent from distillery/unit shall be discharged outside the plant premises and Zero Liquid Discharge shall be adopted. Water consumption shall be reduced by adopting 3 R's (reduce, reuse and recycle) concept in the process;	Being Complied: Water consumption has been reduced by adopting 3 R's concept such as water treated in WWTP is being recycled back to cooling towers. Zero Liquid Discharge has been adopted.
13	That, process effluent/any wastewater (treated sewage, scrubber water and/or floor washings etc) shall not be allowed to mix with storm water. Storm water drain shall be passed through guard pond;	Being Complied: Neither process effluent nor any wastewater can mix with storm water as it is conveyed through closed pipelines. Necessary guard ponds have been constructed so that the storm water passes through it.
14	That, adequate facilities shall be provided for treatment of domestic wastewater and treated wastewater shall be re-used in irrigation/gardening purposes as well as back into the system for flushing/horticulture purpose/green belt development etc. and shall maintain a record on daily basis. Sludge shall be dried and used as manure in gardening;	Being Complied: Two nos. sewage treatment plants have been installed for domestic wastewater, The treated water from Sewage treatment plant is being used for the purpose of irrigation/gardening.
15	That, 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 the BSPCB	Being Complied: Eight nos. of piezometers have been set up and maintained. Ground water quality i.e. pH, BOD, COD, chloride, sulphate, and total dissolved solids is being monitored on monthly basis and the reports being submitted accordingly. (See Self monitoring report as annexure B-4).
16	That, the unit 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;	Being Complied: Rainwater harvesting pond has been provided for the collection and reuse of rainwater.
17	That no storage of wet cake shall be done at site. 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;	Being Complied: Storage of wet cake is not required as dryers of adequate capacity have been provided for drying mixture of wet cake and syrup into DDGS.



18	That, the unit shall not discharge any effluent outside the premises. In case of any uneven situation plant shall be shutdown to maintain zero discharge;	Being Complied: Effluent has never been discharged outside the premises, and zero liquid discharge has been adopted with the installation of MEE, Dryer , WWTP & CPU
19	<p>That, they shall maintain 'Zero Liquid Discharge' of industrial effluent and install following online monitoring system:</p> <p><u>Online flow meters & PTZ cameras are required to be instated as given below:</u></p> <p>a) Flow meters: Online flow meters with data recording facility which should be transmitted online to CPCB and SPCB, shall be installed at the raw spent wash/whole stillage generation line and the concentrated spent wash/whole stillage/thick syrup line connecting to the final storage lagoon/tank before dryer;</p> <p>b) For distillery plants having advanced integrated multiple effect evaporators where concentrated spent wash/whole stillage is being directly generated, flow meters with similar specification shall be installed with data connectivity to CPCB and SPCB at the concentrated spent wash/whole stillage/thick syrup line connecting to the final storage lagoon dryer and at the alcohol production line for assessment of concentrated spent wash generation ratio; and</p> <p>c) PTZ cameras: the cameras should be IP camera with PAN, TILT Zoom, 5x or above focal length, with night vision capability and should be installed at relevant locations of DWGS/DDGS production area and final spent wash storage lagoon/storage tank, as applicable. The camera feed should be integrated with all camera controls (pan, zoom, tilt) and shown on central platform, where data other parameters (effluent monitoring/flow meters/emission monitoring) is displayed/submitted. The camera feed shall be provided without pre-requirement of any plug-in software for data display or data submission and shall be available in the Google chrome browser.</p>	<p>Being Complied:</p> <ul style="list-style-type: none"> Online Flow meters had been installed and connected to CPCB & SPCB website for display of real time data. The same are in operation. PTZ cameras had been installed and connected to CPCB and SPCB website. The cameras feed have been provided without pre-requirement of any plug-in software for data display or data submission and have available in the Google chrome browser too.
20	That, the unit shall maintain good housekeeping;	Being Complied: The unit is ensuring good housekeeping including road dust collection and water sprinkling etc.
21	That the unit shall ensure that there is no mixing of any industrial effluent with the storm water and unit shall take all preventive measures for same;	Being Complied: Neither process effluent nor any wastewater can mix with storm water as it is conveyed through closed pipelines. Necessary guard ponds have been constructed so that the storm water passes through it.



22	That, they shall comply with provisions under the Rules, conditions of EC issued vide ref. dated 01.05.2014 & extension of EC dated 06.05 2021 of MoEF and CC, Govt. of India as well as directions issued either by SPCB/CPCB time-to time. Reports shall be submitted to the Board also;	Being Complied: Six monthly compliance report of the Environmental Clearance conditions issued vide ref. dated 01.05.2014, extension of EC dated 06.05 2021 of MoEF & CC is being submitted on a regular basis.
23	That, they shall adopt rainwater harvesting measures to recharge the ground water and proper records shall be maintained;	Being Complied: Rainwater harvesting pond has been provided for the collection and reuse of rainwater.
24	That, the Environmental Statement as prescribed in the E (P) Rules, 1986 [see rule 14] for the each financial year ending the 31 st March, shall be submitted by the month of September every year;	Being Complied: Last environmental statement for the period ending 31st March 2023 has been submitted to State Pollution Control Board vide letter dated 18 July 2023.
25	That, they shall make provisions for display of data outside main factory gate about quantity and quality of water discharge and emission along with solid waste generated within the factory premises;	Being Complied: Provisions has been made for display of data outside main factory gate about quantity and quality of water discharge and air emission along with solid waste generated within the factory premises.
26	That, overall half yearly compliance report of CTO conditions shall be submitted to the Board;	Noted.
27	That, notwithstanding anything stated above, the applicant unit shall abide by all the provisions of the environmental laws including policies and guidelines made there under; and	Noted and being adhered.
28	That, this CTO is granted on basis of undertaking/document up-loaded by the applicant and it is subject to the condition that in the event of any information/documents submitted by the proponent are found false or misleading at any stage, the CTO granted, shall be revoked at proponent's risk and cost and legal action shall be initiated.	Noted.





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TEST REPORT

Ref. No. STH/TR/24-25/132		Dt: 11.04.2024		Your Work Order No. BDBPL/2023-24/WO-32A		Dt: 15.06.2023	
[a] Name and address of the Customer				BIHAR DISTILLERS & BOTTLERS PVT. LTD. VILL. DEVRI P.O.: GARHANI ARRAH DIST. BHOJPUR – 802 203			
[b] Details of Sample				Water sample from WWTP Inlet			
[c] Sample Collected by				By Prem Kumar (Lab Representative) of Shiva Test House on 03.04.24			
[d] Sampling Location				Collected from WWTP- Inlet- Near WWTP			
[e] Method of Sampling				IS 3025, APHA			
[f] Sampling Environmental Condition				Temp. (°C)	36	Humidity (%)	52
[g] Details of Sample Container (No. & Type of Container)				Polypropylene bottle (02)			
[h] Sample Quantity				2 Litres			
[i] Sample Code				E-132/04/24			
[j] Sample Condition on Receipt				Fit for Analysis			
[k] Items required to be tested				As per contract.			
[l] Whether any specific Method of Test has been suggested by the customer				No			
[m] Date of receiving the sample in Laboratory				04.04.24			
[n] Analysis Start Date / Analysis Completion Date				04.04.24 / 09.04.24			
Sl. No.	Parameters	Unit	Method of Test		Result		
1.	pH at 25°C	----	IS 3025 (Part-11)		6.63		
2.	Total Suspended Solids	mg/l.	IS 3025(Part-17)		112.0		
3.	Total Dissolved Solids (TDS)	mg/l.	IS 3025 (Part-16)		2248.0		
4.	Chloride as Cl	mg/l.	IS 3025 (Part-32)		94.0		
5.	Sulphate as SO ₄	mg/l.	APHA (4500-E)		63.2		
6.	B.O.D. (3 days 27 °C)	mg/l.	IS 3025 (Part-44)		200.0		
7.	C.O.D.	mg/l.	APHA 2220 B		752.0		
8.	Oil & Grease	mg/l.	IS 3025 (Part-39)		3.3		

Shibeswar
Prasad

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Shibeswar Prasad
Date: 2024.04.11
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Verified by :
Dr. Shibeshwar Prasad
Technical Manager



Shreyasee
Prasad

Digitally signed by
Shreyasee Prasad
Date: 2024.04.11
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Authorized Signatory
Dr. (Mrs.) Shreyasee Prasad
Quality Manager

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TEST REPORT

Ref. No. STH/TR/24-25/133	Dt: 11.04.2024	Your Work Order No. BDBPL/2023-24/WO-32A	Dt: 15.06.2023	
[a] Name and address of the Customer	BIHAR DISTILLERS & BOTTLERS PVT. LTD. VILL. DEVRI P.O.: GARHANI ARRAH DIST. BHOJPUR – 802 203			
[b] Details of Sample	Water sample from WWTP Outlet			
[c] Sample Collected by	By Prem Kumar (Lab Representative) of Shiva Test House on 03.04.24			
[d] Sampling Location	Collected from WWTP Outlet- Near WWTP			
[e] Method of Sampling	IS 3025, APHA			
[f] Sampling Environmental Condition	Temp. (°C)	36	Humidity (%)	
[g] Details of Sample Container (No. & Type of Container)	Polypropylene bottle (02)			
[h] Sample Quantity	2 Litres			
[i] Sample Code	E-133/04/24			
[j] Sample Condition on Receipt	Fit for Analysis			
[k] Items required to be tested	As per contract.			
[l] Whether any specific Method of Test has been suggested by the customer	No			
[m] Date of receiving the sample in Laboratory	04.04.24			
[n] Analysis Start Date / Analysis Completion Date	04.04.24 / 09.04.24			
Sl. No.	Parameters	Unit	Method of Test	Result
1.	pH at 25°C	----	IS 3025 (Part-11)	7.34
2.	Total Suspended Solids	mg/l.	IS 3025(Part-17)	11.0
3.	Total Dissolved Solids (TDS)	mg/l.	IS 3025 (Part-16)	296.0
4.	Chloride as Cl	mg/l.	IS 3025 (Part-32)	18.0
5.	Sulphate as SO ₄	mg/l.	APHA (4500-E)	8.4
6.	B.O.D. (3 days 27 °C)	mg/l.	IS 3025 (Part-44)	8.0
7.	C.O.D.	mg/l.	APHA 2220 B	40.0
8.	Oil & Grease	mg/l.	IS 3025 (Part-39)	0.5

Shibeswar
Prasad

Digitally signed by
Shibeswar Prasad
Date: 2024.04.11
15:38:47 +05'30'

Verified by :

Dr. Shibeshwar Prasad
Technical Manager



Shreyasee
Prasad

Digitally signed by
Shreyasee Prasad
Date: 2024.04.11
15:51:47 +05'30'

Authorized Signatory

Dr. (Mrs.) Shreyasee Prasad
Quality Manager

-- END OF TEST REPORT --

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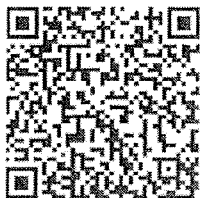
Contact us : 122-C, Aastha, Road No. 5A, Patliputra Colony, Patna – 800 013 (Bihar)

Mob.: +918676886249 ; +919431047908

Email : sthpatna1@yahoo.co.in ; info@shivatest.com

Website : www.shivatest.com ; www.shivatesthouse.com





SHIVA TEST HOUSE

(Serving since 1988)



TC-10582

RECOGNISED AS ENVIRONMENTAL LABORATORY BY MoEFCC, GOVT. OF INDIA, UNDER ENVIRONMENT (PROTECTION) ACT 1986, DEPTT. OF INDUSTRY, FORESTS & ENVIRONMENT, GOVT. OF BIHAR AND BIHAR STATE POLLUTION CONTROL BOARD

TEST REPORT

Ref. No. STH/TR/24-25/134		Dt: 11.04.2024		Your Work Order No. BDBPL/2023-24/WO-32A		Dt: 15.06.2023	
[a] Name and address of the Customer				BIHAR DISTILLERS & BOTTLERS PVT. LTD. VILL. DEVRI P.O.: GARHANI ARRAH DIST. BHOJPUR – 802 203			
[b] Details of Sample				Untreated Effluent Sample			
[c] Sample Collected by				By Prem Kumar (Lab Representative) of Shiva Test House on 03.04.24			
[d] Sampling Location				From STP Inlet			
[e] Method of Sampling				IS 3025, APHA			
[f] Sampling Environmental Condition				Temp. (°C)	36	Humidity (%)	52
[g] Details of Sample Container (No. & Type of Container)				Polypropylene bottle (02)			
[h] Sample Quantity				2 Litres			
[i] Sample Code				E-134/04/24			
[j] Sample Condition on Receipt				Fit for Analysis			
[k] Items required to be tested				As per contract.			
[l] Whether any specific Method of Test has been suggested by the customer				No			
[m] Date of receiving the sample in Laboratory				04.04.24			
[n] Analysis Start Date / Analysis Completion Date				04.04.24 / 09.04.24			
Sl. No.	Parameters	Unit	Method of Test		Result		
1.	pH at 25°C	----	IS 3025 (Part-11)		6.72		
2.	Suspended Solids	mg/l.	IS 3025(Part-17)		112.0		
3.	Oil & Grease	mg/l.	IS 3025 (Part-39)		1.8		
4.	B.O.D. (3 days at 27°C)	mg/l.	IS 3025 (Part-44)		80.0		
5.	C.O.D.	mg/l.	APHA 2220 B		272.0		
6.	Dissolved Phosphate as P	mg/l.	APHA (4500-P-D)		2.5		
7.	Fluoride as F	mg/l.	APHA 4500 (F D)		0.84		
8.	Ammonical Nitrogen as N	mg/l.	IS 3025 (Part-34)		19.0		
9.	Total Kjeldahl Nitrogen as N	mg/l.	APHA (4500 N org)		29.7		

Shibeswar Prasad
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Shibeswar Prasad
Date: 2024.04.11
15:39:51 +05'30'

Verified by :
Dr. Shibeshwar Prasad
Technical Manager



Shreyasee Prasad
Digitally signed by
Shreyasee Prasad
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Authorized Signatory
Dr. (Mrs.) Shreyasee Prasad
Quality Manager

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Mob.: +918676886249 ; +919431047908 Email : shipatna1@yahoo.co.in ; info@shivatest.com
Website : www.shivatest.com ; www.shivatesthouse.com





SHIVA TEST HOUSE

(Serving since 1988)

Annexure - B1



TC-10582

RECOGNISED AS ENVIRONMENTAL LABORATORY BY MoEFCC, GOVT. OF INDIA, UNDER ENVIRONMENT (PROTECTION) ACT 1986, DEPTT. OF INDUSTRY, FORESTS & ENVIRONMENT, GOVT. OF BIHAR AND BIHAR STATE POLLUTION CONTROL BOARD

TEST REPORT

Ref. No. STH/TR/24-25/135		Dt: 11.04.2024		Your Work Order No. BDBPL/2023-24/WO-32A		Dt: 15.06.2023	
[a] Name and address of the Customer				BIHAR DISTILLERS & BOTTLERS PVT. LTD. VILL. DEVRI P.O.: GARHANI ARRAH DIST. BHOJPUR – 802 203			
[b] Details of Sample				Treated Effluent sample			
[c] Sample Collected by				By Prem Kumar (Lab Representative) of Shiva Test House on 03.04.24			
[d] Sampling Location				From STP Outlet			
[e] Method of Sampling				IS 3025, APHA			
[f] Sampling Environmental Condition				Temp. (°C)	36	Humidity (%)	52
[g] Details of Sample Container (No. & Type of Container)				Polypropylene bottle (02)			
[h] Sample Quantity				2 Litres			
[i] Sample Code				E-135/04/24			
[j] Sample Condition on Receipt				Fit for Analysis			
[k] Items required to be tested				As per contract.			
[l] Whether any specific Method of Test has been suggested by the customer				No			
[m] Date of receiving the sample in Laboratory				04.04.24			
[n] Analysis Start Date / Analysis Completion Date				04.04.24 / 09.04.24			
Sl. No.	Parameters	Unit	Method of Test		Limit (mg/l.) as per Board's Standard		Result
1.	pH at 25°C	----	IS 3025 (Part-11)		5.5 to 9.0		7.43
2.	Suspended Solids	mg/l.	IS 3025(Part-17)		100.00		14.0
3.	Oil & Grease	mg/l.	IS 3025 (Part-39)		10.00		0.7
4.	B.O.D. (3 days at 27°C)	mg/l.	IS 3025 (Part-44)		100.00		9.0
5.	C.O.D.	mg/l.	APHA 2220 B		Not Specified		48.0
6.	Dissolved Phosphate as P	mg/l.	APHA (4500-P-D)		5.00		0.68
7.	Fluoride as F	mg/l.	APHA 4500 (F D)		2.00		0.38
8.	Ammonical Nitrogen as N	mg/l.	IS 3025 (Part-34)		50.00		5.0
9.	Total Kjeldahl Nitrogen as N	mg/l.	APHA (4500 N org)		100.00		7.8

Shibeswar Prasad

Digitally signed by Shibeswar Prasad
Date: 2024.04.11
15:40:16 +05'30'

Verified by :

Dr. Shibeshwar Prasad
Technical Manager



Shreyasee Prasad

Digitally signed by Shreyasee Prasad
Date: 2024.04.11
15:52:41 +05'30'

Authorized Signatory

Dr. (Mrs.) Shreyasee Prasad
Quality Manager

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Website : www.shivatest.com ; www.shivatesthouse.com





Government of India
Ministry of Jal Shakti
Department of Water Resources, River Development and Ganga Rejuvenation
Central Ground Water Authority (CGWA)



Application for Issue of NOC to Abstract Ground Water (NOCAP)

Welcome : bdbplara
Previous Login Date Time: 26/06/2024 16:18:39 PM , IP Address: 115.240.91.18

Logout

Applicant Home	Apply	Feedback	Change Password	Update PAN	Profile	Grievance	Submitted Application Payment
User Request	Application Pass Book	Upload IAN	Upload Attachment	Payment for Associate			

Information

Guidelines

Steps for Filling Online Application

Documents Required

Documents Required for Online Application

- Industrial
- Infrastructure
- Mining

Track Status

Application Status

- Online

Location

Area Type

Segment-B Area Type

Regional office

Location

CGWA Headquarters

Know Your

Environmental

Compensation(EC)

Know Your Penalty

Ground Water

Abstraction/Restoration

Charges

Reports

Applied for NOC - Online

NOC Issued-Online

Contact Us

Application Status

Application No :

21-4/146/BR/IND/2012

Receive Date :

16/04/2024

Name of Industry :

BIHAR DISTILLERS AND BOTTLERS PVT. LTD.

Application Processing Fee :

Rs. 5000.00/- (Rupees Five Thousand Only) (Submitted: Yes)

Ground Water Abstraction/Restoration Charge :

Ground Water Quality Approved

Ground Water Charge Required:Not Define

Charge:

S.No.	Amount	Arear Amount	Total	Ref No	Date	Status	View
1	100000.00		100000.00	1504240057328	15/04/2024	Success	Ground water abstraction charge View

Arear:

☐ Environment Compensation

SN	Date From	Date To	Daily Quantum (m3/day)(KLD)	Annual Quantum (m3/Year)(KLY)	Area Type Category	Reason Name	Rate	Amount	Remark
No Record Exists.									

Current Stage :

Application Verification Stage

Current Status :

Submitted

Address :

Central Ground Water Authority
18/11,Jamnagar House, Man Singh Road
NEW DELHI
DELHI

Current Status

Application Verification

Receive Date	From User Name	To User Name	Forwarded User Name	Action Date	Action Internal Status	Action Comment	Copy of Application Received On
--------------	----------------	--------------	---------------------	-------------	------------------------	----------------	---------------------------------

Contact

16/04/2024	(Evaluation Officer) Central Ground Water Authority	In Process
------------	-----------------------------------------------------------------	------------

Application Processing

Receive Date	From User Name	To User Name	Forwarded User Name	Action Date	Action Internal Status	Action Comment	Ground Water Recom Per Day	Ground Water Recom Annual
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No Record for this Stage.

NOC Processing

Receive Date	From User Name	To User Name	Forwarded User Name	Action Date	Action Internal Status	Action Comment
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No Record for this Stage.

NOC Disbursement

Receive Date	From User Name	To User Name	Forwarded User Name	Action Date	Action Internal Status	Action Comment
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No Record for this Stage.

Go Back



भारत सरकार
जल शक्ति मंत्रालय
जल संसाधन, नदी विकास
और गंगा संरक्षण विभाग
केन्द्रीय भूमि जल प्राधिकरण
Government of India
Ministry of Jal Shakti
Department of Water Resources,
River Development & Ganga Rejuvenation
Central Ground Water Authority

(भूजल निकासी हेतु अनापत्ति प्रमाण पत्र)

NO OBJECTION CERTIFICATE (NOC) FOR GROUND WATER ABSTRACTION

Project Name:	Bihar Distillers And Bottlers Pvt. Ltd.		
Project Address:	Village- Devadi, Block- Garhani,, Tehsil- Ara (sadar), District- Bhojpur,		
Village:	Deorhi	Block:	Ara
District:	Bhojpur	State:	Bihar
Pin Code:			
Communication Address:	M/s Bihar Distillers And Bottlers Pvt. Ltd., S.c.o.140-141, Sector 34-a Chandigarh, Chandigarh, Chandigarh, Chandigarh - 160022		
Address of CGWB Regional Office :	Central Ground Water Board Mid Eastern Region, 6th & 7th Floor, Lok Nayak Jai Prakash Bhawan, Frazer Road Dak Banglow, Patna, Bihar - 800011		

1. NOC No.:	CGWA/NOC/IND/REN/1/2022/7162		
2. Application No.:	21-4/146/BR/IND/2012	3. Category: (GWRE 2020)	Safe
4. Project Status:	Existing Ground Water	5. NOC Type:	Renewal
6. Valid from:	10/06/2021	7. Valid up to:	09/06/2024
8. Ground Water Abstraction Permitted:			

Fresh Water		Saline Water		Dewatering		Total	
m ³ /day	m ³ /year	m ³ /day	m ³ /year	m ³ /day	m ³ /year	m ³ /day	m ³ /year
6000.00	1980000.00						

9. Details of ground water abstraction /Dewatering structures

Abstraction Structure*	Total Existing No.:2						Total Proposed No.:1					
	DW	DCB	BW	TW	MP	MPu	DW	DCB	BW	TW	MP	MPu
Abstraction Structure*	0	0	2	0	0	0	0	0	1	0	0	0

*DW- Dug Well; DCB-Dug-cum-Bore Well; BW-Bore Well; TW-Tube Well; MP-Mine Pit;MPu-Mine Pumps

10. Ground Water Abstraction/Restoration Charges paid (Rs.):		10560450.00		
11. Number of Piezometers(Observation wells) to be constructed/ monitored & Monitoring mechanism.	No. of Piezometers	Monitoring Mechanism		
		Manual	DWLR**	DWLR With Telemetry
	**DWLR - Digital Water Level Recorder	2	0	1

(Compliance Conditions given overleaf)

This is an auto generated document & need not to be signed.

18/11, जामनगर हाउस, मानसिंह रोड, नई दिल्ली - 110011 / 18/11, Jamnagar House, Mansingh Road, New Delhi-110011

Phone: (011) 23383561 Fax: 23382051, 23386743

Website: cgwa-noc.gov.in

पानी बचाये - जीवन बचाये
SAVE WATER - SAVE LIFE

Validity of this NOC shall be subject to compliance of the following conditions:


Mandatory conditions:

- 1) Installation of tamper proof digital water flow meter with telemetry on all the abstraction structure(s) shall be mandatory for all users seeking No Objection Certificate and intimation regarding their installation shall be communicated to the CGWA within 30 days of grant of No Objection Certificate.
- 2) Proponents shall mandatorily get water flow meter calibrated from an authorized agency once in a year.
- 3) Construction of purpose-built observation wells (piezometers) for ground water level monitoring shall be mandatory as per Section 14 of Guidelines. Water level data shall be made available to CGWA through web portal. Detailed guidelines for construction of piezometers are given in Annexure-II of the guidelines.
- 4) Proponents shall monitor quality of ground water from the abstraction structure(s) once in a year. Water samples from bore wells/ tube wells / dug wells shall be collected during April/May every year and analysed in NABL accredited laboratories for basic parameters (cations and anions), heavy metals, pesticides/ organic compounds etc. Water quality data shall be made available to CGWA through the web portal.
- 5) In case of mining projects, additional key wells shall be established in consultation with the Regional Director, CGWB for ground water level monitoring four (4) times a year (January, May, August and November) in core as well as buffer zones of the mine.
- 6) In case of mining project the firm shall submit water quality report of mine discharge/ seepage from Govt. approved/ NABL accredited lab.
- 7) The firm shall report compliance of the NOC conditions online in the website (www.cgwa-noc.gov.in) within one year from the date of issue of this NOC.
- 8) Industries abstracting ground water in excess of 100 m³/d shall undertake annual water audit through certified auditors and submit audit reports within three months of completion of the same to CGWA. All such industries shall be required to reduce their ground water use by at least 20% over the next three years through appropriate means.
- 9) Application for renewal can be submitted online from 90 days before the expiry of NOC. Ground water withdrawal, if any, after expiry of NOC shall be illegal & liable for legal action as per provisions of Environment (Protection) Act, 1986.
- 10) This NOC is subject to prevailing Central/State Government rules/laws/norms or Court orders related to construction of tube well/ground water abstraction structure / recharge or conservation structure/dischage of effluents or any such matter as applicable.

General conditions:

- 11) No additional ground water abstraction and/or de-watering structures shall be constructed for this purpose without prior approval of the Central Ground Water Authority (CGWA).
- 12) The proponent shall seek prior permission from CGWA for any increase in quantum of groundwater abstraction (more than that permitted in NOC for specific period).
- 13) Proponents shall install roof top rain water harvesting in the premise as per the existing building bye laws in the premise.
- 14) The project proponent shall take all necessary measures to prevent contamination of ground water in the premises failing which the firm shall be responsible for any consequences arising thereupon.
- 15) In case of industries that are likely to contaminate the ground water, no recharge measures shall be taken up by the firm inside the plant premises. The runoff generated from the rooftop shall be stored and put to beneficial use by the firm.
- 16) Wherever feasible, requirement of water for greenbelt (horticulture) shall be met from recycled / treated waste water.
- 17) Wherever the NOC is for abstraction of saline water and the existing wells (s) is /are yielding fresh water, the same shall be sealed and new tubewell(s) tapping saline water zone shall be constructed within 3 months of the issuance of NOC. The firm shall also ensure safe disposal of saline residue, if any.
- 18) Unexpected variations in inflow of ground water into the mine pit, if any, shall be reported to the concerned Regional Director, Central Ground Water Board.
- 19) In case of violation of any NOC conditions, the applicant shall be liable to pay the penalties as per Section 16 of Guidelines.
- 20) This NOC does not absolve the proponents of their obligation / requirement to obtain other statutory and administrative clearances from appropriate authorities.
- 21) The issue of this NOC does not imply that other statutory / administrative clearances shall be granted to the project by the concerned authorities. Such authorities would consider the project on merits and take decisions independently of the NOC.
- 22) In case of change of ownership, new owner of the industry will have to apply for incorporation of necessary changes in the No Objection Certificate with documentary proof within 60 days of taking over possession of the premises.
- 23) This NOC is being issued without any prejudice to the directions of the Hon'ble NGT/court orders in cases related to ground water or any other related matters.
- 24) Proponents, who have installed/constructed artificial recharge structures in compliance of the NOC granted to them previously and have availed rebate of upto 50% (fifty percent) in the ground water abstraction charges/ground water restoration charges, shall continue to regularly maintain artificial recharge structures.
- 25) Industries which are likely to cause ground water pollution e.g. Tanning, Slaughter Houses, Dye, Chemical/ Petrochemical, Coal washeries, pharmaceutical, other hazardous units etc. (as per CPCB list) need to undertake necessary well head protection measures to ensure prevention of ground water pollution as per Annexure III of the guidelines.
- 26) In case of new infrastructure projects having ground water abstraction of more than 20 m³/day, the firm/entity shall ensure implementation of dual water supply system in the projects.
- 27) In case of infrastructure projects, paved/parking area must be covered with interlocking/perforated tiles or other suitable measures to ensure groundwater infiltration/harvesting.
- 28) In case of coal and other base metal mining projects, the project proponent shall use the advance dewatering technology (by construction of series of dewatering abstraction structures) to avoid contamination of surface water.
- 29) The NOC issued is conditional subject to the conditions mentioned in the Public notice dated 27.01.2021 failing which penalty/EC/cancellation of NOC shall be imposed as the case may be.
- 30) This NOC is issued subject to the clearance of Expert Appraisal Committee (EAC) (if applicable).

(Non-compliance of the conditions mentioned above is likely to result in the cancellation of NOC and legal action against the proponent.)

ANNEXURE- B4				
BIHAR DISTILLERS & BOTTTLERS PVT. LTD.				
Self Monitoring of Ground Water Tubewells				
Name of the company	: Bihar Distillers & Bottlers Pvt. Ltd.			
Address of works	: Village Devri, P.O. Garhani, Distt. Arrah (Bhojpur), Bihar			
Name & Address of Lab which conducted the monitoring	: Self			
Status of industry under Water (Prevention & Control of Pollution) Act	: Consent to operate granted for 250 KLPD which is valid up to August 2025 & 600 KLPD which is valid upto December 2027 .			
Months under Report	: From October 2023 to March 2024.			
S.No.	Parameter	Tube Well No. 1	Tube Well No. 2	Tube Well No. 3
1	pH	7.23	7.64	7.7
2	Electrical Conductivity	408	405	425
3	Total Dissolved Solids (TDS)	270	265	285
4	Total Alkalinity as CaCO ₃	220	230	232
5	Hardness as CaCO ₃	210	220	228
7	Calcium	38.2	40.2	42.8
8	Magnesium	18.5	14.1	14.5
10	Chloride	9.9	11.4	8.5
11	Sulphate	22.5	21.6	21.8
12	Fluorides	ND	ND	ND
13	BOD	ND	ND	ND
14	COD	ND	ND	ND
*ND	Not Detectable			
Above values are average for the period mentioned above.		For Bihar Distillers & Bottlers Pvt. Ltd.		
Locations of tubewells:		Bihar Distillers & Bottlers Pvt. Ltd.		
TW - 1	Near Grain Milling Area	 Auth. Signatory Mr. Chandresh Kumar Dubey - Director		
TW - 2	Near Weigh bridge			
TW - 3	Near 95 TPH stack			

4/	IMFL PLANNING DIVISION
48	IMFL BOTTLING HALL
49	IMFL GODOWN
50	IMFL LOADING SHED
51	DISPATCH OFFICE
52	TOILETS
53	SPACE FOR ADMIN BLOCK
54	PARKING
55	IMFL MAIN GATE
56	WEIGH BRIDGE
57	SECURITY OFFICE
58	STAFF TOILETS
59	METERING ROOM
60	LAB & PANEL ROOM
61	DECANTER & DRYER SECTION
62	ETHANOL PLANT 400 KLPD
63	FERMENTATION SECTION
64	GRAIN MILLING
65	PRE FERMENTATION TANKS
66	LIQUEFACTION SECTION
67	ETHANOL RECEIVER 1 Nos.
68	ETHANOL RECEIVER 2 Nos.
69	NEW COOLING TOWER
70	NEW BOILER, ESP & STACK
71	NEW TURBINE
72	TRUCK PLATFORM
73	CPU
74	PROPOSED PLANT
75	FERMENTATION
76	PROPOSED FERMENTATION
77	PROP. BOILER & TURBINE
78	WEIGH BRIDGE
79	GRAIN SILO
80	HUSK STORAGE AREA
81	COAL STORAGE
82	WATER RECHARGE POND
83	DRYER-5 NO.

