



080 - 23256500-50  
trualt@niranigroups.com  
www.niranigroups.com

GSTIN - 29AAICT5347A1ZB  
CIN - U15400KA2021PLC145978

**Ref: TBL-03/MOEF&CC/EC-Comp/2025-26**

**Date: 28<sup>th</sup> October 2025**

**To,**

The Regional Office,  
MOEF & CC,  
Integrated Regional Office,  
Kendriya Sadan, Bengaluru.

**Sub:** Reg. Submission of Half Yearly Compliance report for the EC.

**Ref: EC No. IA-J-11011/312/2021-IA-II (I), Dated: 27.06.2023.**

**Dear Sir,**

With respect to above cited subject, we hereby attached point wise half yearly EC compliance reports with photocopies of supporting documents for the period 01<sup>st</sup> April 2025 to 30<sup>th</sup> September 2025.

Kindly acknowledge receipt for the same.

Thanking You,

Yours Truly,

**For TruAlt Bioenergy Limited Unit - 03.**

A handwritten signature in black ink, appearing to read 'V. S.' followed by a stylized surname.

**Authorized Signatory**

**CC to:** Regional Officer, KSPCB, Sector – 07, Navnaagar- Bagalkote



**(Encl: Photocopies of supporting documents)**

A UNIT OF THE MRN GROUP

**COMPLIANCE FOR THE CONDITIONS OF THE ENVIRONMENTAL CLEARANCE (EC)**

**For TruAlt Bioenergy Limited, Unit-III Kallapur SK, Badami-Taluk, Bagalkot-Dist.**

**New EC No: IA-J-11011/312/2021-IA-II (I); Dated: 27.06.2023.**

<b>Sl. No.</b>	<b>EC CONDITIONS</b>	<b>INDUSTRY COMPLIANCE</b>															
<b>1.</b>	This has reference to your online proposal No. IA/KA/IND2/293136/2022, dated 22 <sup>nd</sup> November 2022 seeking bifurcation of the Distillery Unit from the integrated Sugar complex & Transfer of Distillery plant from M/S MRN Cane Power (India) Limited to M/S TruAlt Bioenergy Limited Unit -3.	Acknowledged & Thanks.															
<b>2.</b>	The Ministry of Environment, Forest and Climate Change has examined the proposal for environmental clearance to the proposed integrated expansion of sugar plant from 5,000 TCD to 10,000 TCD, Distillery unit from 65 to 400 KLPD using C-heavy molasses / B-heavy molasses/ sugar syrup/ grains as feed stock and a new Captive power plant capacity of 8 MW under Ethanol Blended with Petrol (EBP) program at Bagalkot, Karnataka by M/s MRN Cane Power (India) Limited.	Acknowledged the granted production capacities.															
<b>3.</b>	The current proposal is for bifurcation of the distillery plant from the existing Environmental Clearance no. IA-J-11011/312/2021-IA-II (I); Dated: 21.09.2021 and transfer of distillery plant in the name of M/S TruAlt Bioenergy Ltd. Unit-3, from M/S MRN Cane Power (India) Limited.	Acknowledged & Thanks.															
<b>4.</b>	The project proponent has requested to amendment (Bifurcation of Distillery unit & Transfer of Distillery plant from M/S MRN Cane Power (India) Limited to TruAlt Bioenergy Limited Unit-3) in the EC the details are as under;	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th align="center"><b>SL. NO.</b></th><th align="center"><b>Details of EC issued by MOEF &amp; CC</b></th><th align="center"><b>To be revised/read as</b></th><th align="center" rowspan="2"><b>INDUSTRY COMPLIANCE</b></th></tr> </thead> <tbody> <tr> <td align="center"></td><td align="center">Bifurcation of Distillery unit &amp; Transfer of Distillery plant from M/S MRN Cane Power (India) Limited to TruAlt Bioenergy Limited Unit-3</td><td></td></tr> <tr> <td align="center">1.</td><td align="center">This has reference to your online proposal No. IA/KA/IND2/222242/2021, dated 09<sup>th</sup> August 2021 for environmental clearance to the above mention project.</td><td align="center">This has reference to online proposal no. IA/KA/IND2/293136/2022 for amendment in Environmental Clearance (EC Identification no. EC21A022KA158864) vide dated 21.09.2021.</td><td align="center">Acknowledged &amp; Thanks.</td></tr> <tr> <td align="center">2.</td><td align="center">The Ministry of Environment Forest &amp; Climate change has examined the proposal for Environmental Clearance to the proposed integrated expansion of sugar plant from 5000 TCD to 10000 TCD, Distillery unit from 65 KLPD to 400 KLPD using C Heavy Molasses/B Heavy Molasses/ Sugar Syrup grain as feed stock and a new captive Power Plant capacity of 8 MW under Ethanol Blended with Petrol (EBP) program at Bagalkot</td><td align="center">The Ministry of Environment Forest &amp; Climate change has examined the proposal for Environmental Clearance to the proposed expansion of Distillery unit from 65 KLPD to 400 KLPD using C Heavy Molasses/B Heavy Molasses/ Sugar Syrup grain as feed stock and a new captive Power Plant capacity of 8 MW under Ethanol Blended with Petrol (EBP) program at Bagalkot</td><td align="center">Acknowledged &amp; Thanks.</td></tr> </tbody> </table>	<b>SL. NO.</b>	<b>Details of EC issued by MOEF &amp; CC</b>	<b>To be revised/read as</b>	<b>INDUSTRY COMPLIANCE</b>		Bifurcation of Distillery unit & Transfer of Distillery plant from M/S MRN Cane Power (India) Limited to TruAlt Bioenergy Limited Unit-3		1.	This has reference to your online proposal No. IA/KA/IND2/222242/2021, dated 09 <sup>th</sup> August 2021 for environmental clearance to the above mention project.	This has reference to online proposal no. IA/KA/IND2/293136/2022 for amendment in Environmental Clearance (EC Identification no. EC21A022KA158864) vide dated 21.09.2021.	Acknowledged & Thanks.	2.	The Ministry of Environment Forest & Climate change has examined the proposal for Environmental Clearance to the proposed integrated expansion of sugar plant from 5000 TCD to 10000 TCD, Distillery unit from 65 KLPD to 400 KLPD using C Heavy Molasses/B Heavy Molasses/ Sugar Syrup grain as feed stock and a new captive Power Plant capacity of 8 MW under Ethanol Blended with Petrol (EBP) program at Bagalkot	The Ministry of Environment Forest & Climate change has examined the proposal for Environmental Clearance to the proposed expansion of Distillery unit from 65 KLPD to 400 KLPD using C Heavy Molasses/B Heavy Molasses/ Sugar Syrup grain as feed stock and a new captive Power Plant capacity of 8 MW under Ethanol Blended with Petrol (EBP) program at Bagalkot	Acknowledged & Thanks.
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		program at Bagalkot Karnataka by M/S MRN Cane Power (India) Limited.	Karnataka by M/S TruAlt Bioenergy Limited Unit -3.																																				
3.		The project activities are covered under category 'A' of item (5g) Distilleries and (5j) Sugar industry of the schedule to the EIA, 2006 and requires appraisal at central level by the Sectorial Expert Appraisal Committee (EAC). The proposal has been submitted under the Ministries EIA Notification, 2006 amendment vide Notification no. S.O 345 (E) dated 17 <sup>th</sup> January 2019 & extension given to vide notifications S.O 750 (E), dated 2 <sup>nd</sup> March 2021. Accordingly, the proposal shall be appraised as category 'B2' project. It was informed that no litigation is pending against the proposal.	The project activities are covered under category A of item 5 (g) 'Distilleries' of the Schedule to the EIA, 2006 and requires appraisal at central level by the sectorial Expert Appraisal Committee (EAC). The Proposal has been submitted under the Ministry's EIA Notification, 2006 amendment vide Notification no. S.O. 345(E) dated 17th January 2019 & extensions given to it vide notifications S.O. 750(E) dated 17th February 2020, S.O 980(E) dated 2 <sup>nd</sup> March, 2021. Accordingly, the proposal shall be appraised as category 'B2' project. It was informed that no litigation is pending against the proposal.	Acknowledged & confirming there is no any litigation pending.																																			
4.		Ministry had issued EC earlier vide letter No.1- 11011/411/2014-IA II (I) dated 29.08.2016 to the existing project for setting up of integrated industry with Sugar unit of 5000 TCD, Co- generation Power Plant of 35 MW and Distillery unit of 65 KLD capacity in favour of M/s. MRN Cane Power (India) Limited. It was informed that no litigation is pending against the proposal.	Ministry had issued EC earlier vide letter No. J-11011/411/2014-IA II (I) dated 29.08.2016 to the existing project for setting up of integrated industry with d Distillery unit of 65 KLD capacity in favour of TruAlt Bioenergy Limited (Unit -3). It was informed that no litigation is pending against the proposal	Acknowledged & confirming there is no any litigation pending.																																			
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		4	Captive power attached to distillery	8 MW	Installed a new Captive Power Plant of 8 MW capacity		
6.	Existing land area is 503710 m <sup>2</sup> (124 Acres 19 Guntas) ; out of which land converted for industrial use is 412450 m <sup>2</sup> (101 Acres 37 Guntas) and remaining expansion shall be within the existing land available for industrial use. Industry has already developed greenbelt in an area of 33 % i.e., 137800 m <sup>2</sup> (34 Acres 02 Guntas) out of total area of the project.	Existing land area 503710 m <sup>2</sup> (124 Acres 19 Guntas). Out of which Distillery is developed in an area of 12.65 Acres. Out of which, the green belt is 4.8 acres accounting for 37.94 % of the total area of the distillery. No. of Plantation to be planted - 2500 plants / Hectare = 4850 nos. Actual Plantation has been done =4000nos. Deficit is 850 nos., which will be planted by June, 2023.	The mentioned land area is being developed gradually as mentioned. We are completed the plantation of 6000 no.s of plants.				
7.	The estimated Project cost is Rs.830.47 cores including existing investment of Rs.590.47 crores. Total capital cost earmarked towards environmental pollution control measures after expansion is Rs.41.92 crores and the recurring cost (operation and maintenance) shall be Rs. 0.93 crores per annum. Total employment shall be 372 persons as direct & 66 persons indirect after expansion. Industry proposes to allocate Rs. 2.4 crores towards Corporate Environment Responsibility.	The estimated project cost is Rs 361.88 crores including existing investment of Rs. 135.88 crores. Total capital cost earmarked towards environmental pollution control measures after expansion is Rs. 41.92 crores and the recurring cost (operation and maintenance) shall be Rs. 0.93 crores per annum. Total employment shall be shall be 372 persons as direct & 66 persons indirect after expansion.	We have projected the actual cost of the project & CA certificate submitted during the application for CFO.				
8.	There are no national parks, wild life sanctuaries, Biosphere reserves, Tiger/Elephant reserves, wild life Corridors etc. within 10 km distance From the project site. River Malaprabha is Flowing at a distance of 6 km in south direction.	There are no national parks, wild life sanctuaries, Biosphere Reserves, Tiger/Elephant Reserves, Wild life Corridors etc. within 10 km distance from the project site. River Malaprabha is flowing at a distance of 6 km in South direction.	There is no national parks, wild life sanctuaries, Biosphere Reserves, Tiger/Elephant Reserves, Wild life Corridors etc. within 10 km distance from the project site. Water source for the industry is from Malprabha River.	There is r			
9.	As PUC is a B2 project baseline ambient air quality monitoring is not required. However, ambient air quality monitoring is carried out by the industry as per the conditions of the consent issued by KSPCB. The monitoring data during December 2020 indicate PM10 (86.02 ug/m <sup>3</sup> ), PM2.5 (41.28 ug/m <sup>3</sup> ), SO2 (6.74 ug/m <sup>3</sup> ) and NOx (13.09 ug/m <sup>3</sup> ) AAQ modeling study for	The monitoring data during December 2020 indicate PM10 (86.02 pg/m <sup>3</sup> ), PM2.5 (41.28 pg/m <sup>3</sup> ), SO2 (6.74 pg/m <sup>3</sup> )and NOX (13.09 pg/m <sup>3</sup> ). AAQ modelling study for point source emissions indicates that the maximum incremental GLC safter the proposed project would be 1.16 pg/m <sup>3</sup> , 1.48pg/m <sup>3</sup> and 9.5 pg/m <sup>3</sup> with respect to PM10, SO2 and NOx	Recent ambient air quality analysis report done by NABL accredited laboratory and submitted reports regularly to KSPCB-Bagalkote office. Recently submitted few reports attached as Annexure-I.				



point source emissions indicates that the maximum incremental GLCs after the proposed project would be 3.58 ug/m<sup>3</sup>, 1.48 ug/m<sup>3</sup> and 0.95 ug/m<sup>3</sup> with respect to PM10, SO<sub>2</sub> and NO<sub>x</sub> respectively. The resultant concentrations are within the National Ambient Air Quality Standards (NAAQS).

10. Total Water requirement in Sugar, Co-Generation Plant and distillery unit is given in the Table below and fresh water shall be met from Malaprabha River:

(a) Fresh water requirement by Sugar & Co-Generation plant:				
Sl. No.	Particular	Fresh Water in KLD	Recycled water in KLD	Total Water Requirement in KLD
1.	Sugar Plant of 10,000 TCD & Co-Gen Plant of 35 MW	660	1710	2370
(b) Fresh water requirement by Distillery Unit 200 KLPD & Captive Power Plant of 8 MW:				
Combination of production in 200 KLPD Distillery	Fresh Water In KLD	Recycled Water in KLD	Total Water Requirement in KLD	
1	Using C-Heavy Molasses	702	3.51	1123
2	Using B-Heavy Molasses	628	3.14	1201
3	Using sugar syrup	473	2.37	1297
(c) Domestic Use (Sugar & Co-gen plant: 10 KLD ; Distillery: 10 KLD) = 20 KLD				
(d) Gardening = 40 KLD				

Domestic Sewage of 8 KLD from Sugar plant and 8.5 KLD from Distillery unit shall be treated in septic tank followed by soak pits. **In Sugar & Cogeneration Plant:** Excess condensate water generated from sugarcane process is 1166 KLD. The other effluents viz. process cooling tower blowdown of 770 KLD, Co-Gen cooling tower blowdown of 195 KLD, Boiler blowdown of 70 KLD and DM regenerated of 184 KLD shall be treated in Sugar plant CPU of 2400 KLD capacity. Treated water from CPU shall be reused for process makeup, Co-Gen CT makeup and remaining quantity along with sugar process effluent of 453 KLD treated in the sugar ETP of 1000 KLD capacity shall be used for greenbelt development and for agriculture on land of 22 acres of owned by the company director. **In Distillery Unit & Capacity Power Plant:** The raw spent wash of 2400 KLD (6 KL/KL of Alcohol) generated from C-Heavy / B-Heavy / Syrup shall be stored in spent wash lagoons and shall be concentrated by Evaporation in MEE. Concentrated spent wash generated from distillery using C-Heavy molasses shall be 713 KLD (1.78 KL/KL of Alcohol) or B-Heavy Molasses of 612 KLD (1.53 KL/KL of Alcohol) or Syrup of 408 KLD (1.02 KL/KL of Alcohol) and shall be used as fuel in the incineration boiler. Raw spent wash 2400 KLD (6 KL/KL of Alcohol) generated from distillery using grain as feedstock shall be treated in decanter and thin slop of 1448 KLD (3.62 KL/KL of Alcohol) shall be sent to drier to produce DDGS. Condensate from MEE

respectively. The resultant concentrations are within the National Ambient Air Quality Standards (NAAQS).

Total Water requirement in distillery unit is given in the Table below and fresh water shall be met from Malaprabha River:

(a) Fresh water requirement by Distillery & Captive power plant:				
	Combination of production in 200 KLPD Distillery	Fresh Water In KLD	Recycled Water in KLD	Total Requirement in KLD
1	Using C-Heavy Molasses	702	3.51	1123
2	Using B-Heavy Molasses	628	3.14	1201
3	Using sugar syrup	473	2.37	1297

(c) Domestic Use (Sugar & Co-gen plant: 10 KLD ; Distillery: 10 KLD) = 20 KLD

Domestic Sewage of 8.5 KLD from Distillery unit shall be treated in sewage treatment plant.

In Distillery Unit & Captive Power Plant: The raw spent wash of 2400 KLD (6 KL/KL of Alcohol) generated from C-Heavy / B-Heavy / Syrup shall be stored in spent wash lagoons and shall be concentrated by evaporation in MEE. Concentrated spent wash generated from distillery using C-Heavy Molasses shall be 713 KLD (1.78 KL/KL of Alcohol) or B-Heavy Molasses of 612 KLD (1.53 KL/KL of Alcohol) or Syrup of 408 KLD (1.02 KL/KL of Alcohol) and shall be used as fuel in the incineration boiler. Raw spent wash 2400 KLD (6 KL/KL of Alcohol) generated from distillery using grain as feedstock shall be treated in decanter and thin slop of 1448 KLD (3.62 KL/KL of Alcohol) shall be sent to drier to produce DDGS.

Condensate from MEE and spent lees shall be treated along with other lean effluents viz., DM regenerate, boiler blowdown, cooling tower bleed, Lab washings, Scrubber in distillery CPU. The existing distillery CPU of 1470 KLD shall be upgraded to 2500 KLD capacity after expansion. The treated water from distillery CPU shall be recycled to process, cooling tower makeup and CO<sub>2</sub> scrubber. ZLD concept shall be followed in distillery unit

We have obtained water withdrawal permission from irrigation department, Government of Karnataka and the required fresh water usage is restricted as mentioned in the table. Domestic Sewage will be treated in Septic Tank followed by Soak Pits, constructed as per standard design of IS 2470 Part-I & Part-II. Industry already constructed suitable treatment plants on higher capacities to treat all waste water and excess condensate generated from the industry. The treated effluent is being used for agriculture & green belt development. The treated excess condensate is being reused for process purpose and cooling tower makeup. Industry adopted Zero Liquid Discharge (ZLD) system in distillery unit by adopting MEE and Incineration Boiler. Process condensate will be treated in PCTP and recycled back to process and cooling tower makeup. Industry having 1470 KLD distillery CPU separately to treat condensate water, spent lees and other lean effluents. At present industry constructed 400 KLPD distillery, for this



		<p>and spent lees shall be treated along with other lean effluents viz. DM regenerate, boiler blowdown, cooling tower bleed, lab washings and Scrubber in Distillery CPU. The existing distillery CPU OF 1470 KLD shall be upgraded to 2500 KLD capacity after expansion. The treated water from distillery CPU shall be recycled to process, cooling tower makeup and CO<sub>2</sub> scrubber. ZLD concept shall be followed in distillery unit.</p>		<p>existing CPU is sufficient to treat generated condensate water. Treated condensate water is being recycled back to process and cooling tower makeup. ZLD concept already adopted for distillery of 400 KLPD capacity.</p>																																										
11.		<p>Power requirement after expansion shall be 16 MW and 4.5 MW for sugar plant and distillery unit respectively and shall be met from Co- Generation plant and Captive power plant. Existing unit has one 1250 kVA DG set and no DG set is proposed in expansion proposal. In the existing sugar plant, there is one 165 TPH Co-Gen Boiler using Bagasse as fuel with ESP and a stack of height 85 m as APC measure. For the distillery, one 52 TPH incinerator boiler using Concentrated spent wash supported with Bagasse as fuel is attached to Bag filter and a stack of height 85 m. Existing APC are sufficient for controlling the particulate emissions within the statutory limit of 115 mg/Nm<sup>3</sup> even after expansion.</p>	<p>Power requirement after expansion shall be 16 MW For the distillery, one 52 TPH incinerator boiler using Concentrated spent wash supported with Bagasse as fuel is attached to Bag filter and a stack of height 85 m. Existing APC are sufficient for controlling the particulate emissions within the statutory limit of 115 mg/Nm<sup>3</sup> even after expansion.</p>	<p>We have adopted own power generation from sugar Co-Generation plant of 35 MW and from distillery captive power plant of 8 MW capacity. Suitable chimney height 85 m provided and ESP installed for 165 TPH and Bag Filter installed for 52 TPH as APC equipment. Emissions are within the limits prescribed by the Board. Emission analysis reports are being submitted to Regional Office regularly.</p> <p><b>Annexure – II</b></p>																																										
12.		<p>Details of Process emissions generation and its management.</p>	<p>Details of Process emissions generation and its management: - CO<sub>2</sub> from fermentation shall be recovered by a dedicated CO<sub>2</sub> bottling plant.</p>	<p>We will be outsourced to recover CO<sub>2</sub> from Fermentation process.</p>																																										
13.		<p>Details of Solid waste/Hazardous waste generation and its management:</p> <table border="1"> <thead> <tr> <th>Solid waste</th> <th>Quantity in T/Day</th> <th>Mode of disposal</th> </tr> </thead> <tbody> <tr> <td>Bagasse Press mud</td> <td>3200</td> <td>Used as fuel in boilers.</td> </tr> <tr> <td>Press mud</td> <td>360</td> <td>Raw material for composting.</td> </tr> <tr> <td>Boiler ash — Co-gen</td> <td>35-45</td> <td>Boiler ash to be handed over to Fertilizer industry for value addition to fertilizer.</td> </tr> <tr> <td>Boiler ash — Distillery</td> <td>35-45</td> <td>Used for Land filling.</td> </tr> <tr> <td>Yeast Sludge</td> <td>45-50</td> <td></td> </tr> <tr> <td>ETP Sludge</td> <td>5-10</td> <td></td> </tr> <tr> <td>Lime Sludge</td> <td>10-12</td> <td></td> </tr> </tbody> </table>	Solid waste	Quantity in T/Day	Mode of disposal	Bagasse Press mud	3200	Used as fuel in boilers.	Press mud	360	Raw material for composting.	Boiler ash — Co-gen	35-45	Boiler ash to be handed over to Fertilizer industry for value addition to fertilizer.	Boiler ash — Distillery	35-45	Used for Land filling.	Yeast Sludge	45-50		ETP Sludge	5-10		Lime Sludge	10-12		<p>Details of Solid waste/Hazardous waste generation and its management:</p> <table border="1"> <thead> <tr> <th>Solid waste</th> <th>Quantity in T/Day</th> <th>Mode of disposal</th> </tr> </thead> <tbody> <tr> <td>Boiler ash — Co-gen</td> <td>35-45</td> <td>Boiler ash to be handed over to Fertilizer industry for value addition to fertilizer.</td> </tr> <tr> <td>Boiler ash — Distillery</td> <td>35-45</td> <td>Used for Land filling.</td> </tr> <tr> <td>Yeast Sludge</td> <td>45-50</td> <td></td> </tr> <tr> <td>ETP Sludge</td> <td>5-10</td> <td></td> </tr> <tr> <td>Lime Sludge</td> <td>10-12</td> <td></td> </tr> </tbody> </table>	Solid waste	Quantity in T/Day	Mode of disposal	Boiler ash — Co-gen	35-45	Boiler ash to be handed over to Fertilizer industry for value addition to fertilizer.	Boiler ash — Distillery	35-45	Used for Land filling.	Yeast Sludge	45-50		ETP Sludge	5-10		Lime Sludge	10-12		<p>We are follow the handling and disposal of Solid waste &amp; Hazardous Waste as specified in the table.</p>
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Solid waste	Quantity in T/Day	Mode of disposal																																												
Boiler ash — Co-gen	35-45	Boiler ash to be handed over to Fertilizer industry for value addition to fertilizer.																																												
Boiler ash — Distillery	35-45	Used for Land filling.																																												
Yeast Sludge	45-50																																													
ETP Sludge	5-10																																													
Lime Sludge	10-12																																													



		Yeast Sludge	45-50	Used for Land filling.		
		ETP Sludge	5-10			
		Lime Sludge	10-12			
14.	Certified compliance report has been issued by IRO, Bangalore vide File No. EP/12.1/2016-17/04/KAR/110 dated 19.01.2021 and found status of compliance to be 'Satisfactory.'	Certified compliance report has been issued by IRO, Bangalore vide File No. EP/12.1/2016-17/04/KAR/110 dated 19.01.2021 and found status of compliance to be 'Satisfactory'.	Acknowledged and Thanks.			
15.	As per OM dated 16th June, 2021, PP has submitted self- certification in the form of affidavit declaring that the proposed expansion of 335 KLPD will be for manufacturing of fuel ethanol only.	As per OM dated 16th June, 2021, PP has submitted self- certification in the form of affidavit declaring that the proposed expansion of 335 KLPD will be for manufacturing of fuel ethanol only.	Agreed and Accepted the condition.			
16.	The proposal was considered by the EAC in its 39th meeting held during 17th18th August, 2021 in the Ministry, wherein the project proponent and their consultant M/s. Samrakshan presented the EMP report as per the PFR. The Committee found the EMP report complying with the PFR and recommended the project for grant of environmental clearance	The proposal was considered by the EAC in its 39th meeting held during 17th18th August, 2021 in the Ministry, wherein the project proponent and their consultant M/s. Samrakshan presented the EMP report as per the PFR. The Committee found the ENIP report complying with the PFR and recommended the project for grant of environmental clearance.	Acknowledged and Thanks.			
17.	The EAC, constituted under the provision of the EIA Notification, 2006 and comprising of Experts Members/domain experts in various fields, have examined the proposal submitted by the Project Proponent in desired form along with EIA/EMP report prepared and submitted by the Consultant accredited by the QCI/ NABET on behalf of the Project Proponent. The EAC noted that the Project Proponent has given undertaking that the data and information given in the application and enclosures are true to the best of his knowledge and belief and no information has been suppressed in the EIA/EMP report. If any part of data/information submitted is found to be false/ misleading at any stage, the project will be rejected and Environmental Clearance given, if any, will be revoked at the risk and cost of the project proponent.	The EAC, constituted under the provision of the EIA Notification, 2006 and comprising of Experts Members/domain experts in various fields, have examined the proposal submitted by the Project Proponent in desired form along with EIA/EMP report prepared and submitted by the Consultant accredited by the QCI/ NABET on behalf of the Project Proponent. The EAC noted that the Project Proponent has given undertaking that the data and information given in the application and enclosures are true to the best of his knowledge and belief and no information has been suppressed in the EIA/ENIP report. If any part of data/information submitted is found to be false/ misleading at any stage, the project will be rejected and Environmental	Agreed the condition.			



		Clearance given, if any, will be revoked at the risk and cost of the project proponent.	
18.	The Committee has also deliberated on the CER plan and found to be addressing the issues in the study area. The EAC has deliberated the proposal and has made due diligence in the process as notified under the provisions of the EIA Notification, 2006, as amended from time to time and accordingly made the recommendations to the proposal. The Experts Members of the EAC have found the proposal in order and have recommended for grant of environmental clearance.	The Committee has also deliberated on the CER plan and found to be addressing the issues in the study area. The EAC has deliberated the proposal and has made due diligence in the process as notified under the provisions of the EIA Notification, 2006, as amended from time to time and accordingly made the recommendations to the proposal. The Experts Members of the EAC have found the proposal in order and have recommended for grant of environmental clearance.	Acknowledged and Thanks for recommendations.
19.	The environmental clearance granted to the project/activity is strictly under the provisions of the EIA Notification 2006 and its amendments. It does not tantamount/construe to approvals/consent/ permissions etc. required to be obtained or standards/conditions to be followed under any other Acts/Rules/Subordinate legislations, etc., as may be applicable to the project. The project proponent shall obtain necessary permission as mandated under the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981, as applicable from time to time, from the State Pollution Control Board, prior to construction & operation of the project.	The environmental clearance granted to the project/activity is strictly under the provisions of the EIA Notification 2006 and its amendments. It does not tantamount/construe to approvals/consent/ permissions etc. required to be obtained or standards/conditions to be followed under any other Acts/Rules/Subordinate legislations, etc., as may be applicable to the project. The project proponent shall obtain necessary permission as mandated under the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981 as applicable from time to time, from the State Pollution Control Board, prior to construction & operation of the project.	We have obtained all necessary permissions as per Water (Prevention and control of pollution) Act, 1974 and the Air (prevention and Control of pollution) Act, 1981 from time to time from the concern authority. Industry obtained CFO for 65 KLPD ENA/RS + 335 KLPD Ethanol or 400 KLPD Ethanol from KSPCB.
20.	Based on the proposal submitted by the project proponent and recommendations of the EAC (Industry-2), Ministry of Environment, Forest and Climate Change hereby accords environmental clearance for project proposed integrated expansion of sugar plant from 5,000 TCD to 10,000 TCD, Distillery unit from 65 KLPD to 400 KLPD using C-heavy molasses /B- heavy molasses / sugar syrup /grains as	Based on the proposal submitted by the project proponent and recommendations of the EAC (Industry-2), Ministry of Environment, Forest and Climate Change hereby accords environmental clearance for project proposed expansion, Distillery unit from 65 KLPD to 400 KLPD using C-heavy molasses /B- heavy molasses / sugar syrup /grains	Noted the granted expansion production capacities.



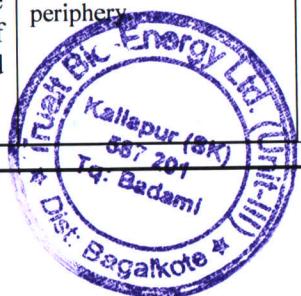
		<p>feedstock and a new Captive power plant capacity of 8 MW under Ethanol blended with Petrol (EBP) program at Bagalkot, Karnataka by M/s MRN Cane Power (India) Limited, under the provisions of the EIA Notification, 2006, and the amendments therein, subject to compliance of the terms and conditions as under: -</p> <p><b>A. Specific condition:</b></p> <p>(i) As per OM dated 16th June, 2021, project falls in category B2 and the proposed additional capacity of 335 KLPD shall be only be used for fuel ethanol manufacturing as per self-certification in form of an affidavit by the Project Proponent</p> <p>(ii) The company shall comply with all the environmental protection measures and safeguards Proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be implemented.</p> <p>(iii) The project proponent will treat and reuse the treated water within the integrated industry and no waste or treated water shall be discharged outside the premises.</p>	<p>as feedstock and a new Captive power plant capacity of 8 MW under Ethanol blended with Petrol (EBP) program at Bagalkot, Karnataka by M/s TruAlt Bioenergy Limited (Unit 3), under the provisions of the EIA Notification, 2006, and the amendments therein, subject to compliance of the terms and conditions as under: -</p> <p><b>A. Specific condition:</b></p> <p>(i) As per OM dated 16th June, 2021, project falls in category B2 and the proposed additional capacity of 335 KLPD shall be only be used for fuel ethanol manufacturing as per self-certification in form of an affidavit by the Project Proponent. Provided that subsequently if it is found that the ethanol, produced based on the EC granted as per this dispensation, is not being used completely for EBP Programme, or if ethanol is not being produced, or if the said distillery is not fulfilling the requirements based on which the project has been appraised as category B2 project, the EC shall stand cancelled.</p> <p>(ii) The company shall comply with all the environmental protection measures and safeguards Proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be implemented.</p> <p>(iii) The project proponent will treat and reuse the treated water within the integrated industry and no waste or treated water shall be discharged outside the premises.</p>	<p>We have implemented as per the conditions mentioned in EC.</p> <p>We have implemented &amp; complied all the conditions mentioned.</p> <p>We have adopted well designed CPU to treat condensate &amp; lees generated from the industry. The treated effluent will be reused for process and cooling tower makeup within the premises.</p>
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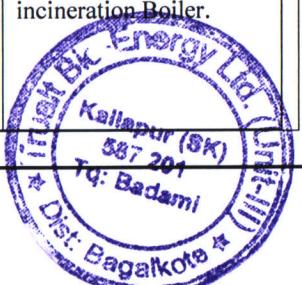
		<p>(iv) Total fresh water requirement for the integrated industry shall not exceed be 2124 KLPD which shall be met from Malaprabha river. Prior permission shall be obtained from the concerned regulatory authority/Irrigation division in this regard, and renewed from time to time. No ground water recharge shall be permitted within the premises. Rainwater shall be collected in storage ponds and utilized for plant activities. Ground water monitoring shall be done regularly and report is to be submitted to concerned authorities regularly.</p> <p>(v) The spent wash shall be concentrated by evaporation in MEE and shall be used as fuel in the incineration boiler.</p> <p>(vi) CO<sub>2</sub> generated from the process shall be bottled/made solid ice and utilized/sold to authorized vendors.</p> <p>(Vii) Occupational Health Centre for surveillance of the worker's health shall be set up. The health data shall be used in deploying the duties of the workers. All workers &amp; employees shall be provided with required safety kits/mask for personal protection.</p> <p>(Viii) Training shall be imparted to all employees on safety and health aspects of chemicals handling. Safety and visual reality training shall be provided to employees.</p> <p>ix) The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Firefighting system shall be as per the norms.</p>	<p>(iv) Total fresh water requirement for the integrated industry shall not exceed be 2124 KLPD which shall be met from Malaprabha river. Prior permission shall be obtained from the concerned regulatory authority/Irrigation division in this regard, and renewed from time to time. No ground water recharge shall be permitted within the premises. Rainwater shall be collected in storage ponds and utilized for plant activities. Ground water monitoring shall be done regularly and report is to be submitted to concerned authorities regularly.</p> <p>(v) The spent wash shall be concentrated by evaporation in MEE and shall be used as fuel in the incineration boiler.</p> <p>(vi) CO<sub>2</sub> generated from the process shall be bottled/made solid ice and utilized/sold to authorized vendors.</p> <p>(Vii) Occupational Health Centre for surveillance of the worker's health shall be set up. The health data shall be used in deploying the duties of the workers. All workers &amp; employees shall be provided with required safety kits/mask for personal protection.</p> <p>(Viii) Training shall be imparted to all employees on safety and health aspects of chemicals handling. Safety and visual reality training shall be provided to employees.</p> <p>ix) The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Firefighting system shall be as per the norms.</p>	<p>We have made all efforts to reduce fresh water intake from river to process and total fresh water will not exceed 2124 KLPD. Industry taken prior permission from irrigation department for fresh water withdrawal from Malaprabha river. Industry already made rain water harvesting system and same water is being collected in pond and reusing for industry process purpose.</p> <p>The generated spent wash from distillery is being concentrated through MEE and the concentrated thick slop will be used in existing 52 TPH incineration Boiler as fuel along with bagasse/coal. Industry will be outsourced to recover CO<sub>2</sub> from Fermentation process.</p> <p>We are conducting health checkup camps every year for all category workers and keeping records of individuals. PPE kits provided like safety Shoes, Goggles, Masks, Helmets, Ear plugs, etc.</p> <p>We are conducting safety training from district fire station department with live demonstration in-front of employees every year.</p> <p>Firefighting system and fire hydrant system adopted throughout the industry to mitigate fire if any. In-plant Training also provided to the workers. Industry obtained PESO license certificate from the concerned authority.</p>
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		<p>(x) Process organic residue and spent carbon, if any, shall be sent to Cement other suitable industries for its incinerations. ETP sludge, process inorganic &amp; evaporation salt shall be disposed of to the TSDF.</p> <p>xi) The company shall undertake waste minimization measures as below (a) Monitoring and control of quantities of active ingredients to minimize waste; (b) Reuse of by-products from the process as raw materials or as raw material substitutes in other processes. (c) Use of automated filling to minimize spillage. (d) Use of Close Feed system into batch reactors. (e) Venting equipment through vapour recovery system. (f) Use of high pressure hoses for equipment clearing to reduce wastewater generation.</p>	<p>(x) Process organic residue and spent carbon, if any, shall be sent to Cement other suitable industries for its incinerations. ETP sludge, process inorganic &amp; evaporation salt shall be disposed of to the TSDF.</p> <p>xi) The company shall undertake waste minimization measures as below (a) Monitoring and control of quantities of active ingredients to minimize waste; (b) Reuse of by-products from the process as raw materials or as raw material substitutes in other processes. (c) Use of automated filling to minimize spillage. (d) Use of Close Feed system into batch reactors. (e) Venting equipment through vapour recovery system. (f) Use of high pressure hoses for equipment clearing to reduce wastewater generation.</p>	<p>We having incineration boiler to burn organic residues. ETP sludge, Yeast sludge, Boiler ash &amp; other organic waste will be sold to IFFCO (South Indian Potash) fertilizer manufacturing company for value addition.</p> <ul style="list-style-type: none"> <li>(a) Flow meters installed in all inlet and outlet points to quantify the waste.</li> <li>(b) Waste water after treatment is being reused for irrigation and condensate water after RO is recycling back to process and cooling tower makeup. Bagasse is being used as fuel in Boilers.</li> <li>(c) In all final products filling is made automated to minimize spillages.</li> <li>(d) All fermenters are Fed batch type with closed vessels and CO<sub>2</sub> will be recovered.</li> <li>(e) Steam vapor recovery system adopted in distillation and evaporation system.</li> <li>(f) Jet pressure cleaning is being used for equipment cleaning.</li> </ul>
		<p>(xii) The green belt of at least 5-10 m width shall be developed in nearly 33% of the total project area, mainly along the plant periphery. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department. Records of tree canopy shall be monitored through remote sensing map.</p>	<p>(xii) The green belt of at least 5-10 m width shall be developed in nearly 33% of the total project area, mainly along the plant periphery. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department. Records of tree canopy shall be monitored through remote sensing map.</p>	<p>We are already developed greenbelt min. 3 to 6 lines with 5 m width in an area of 33 % i.e., 04 Acres 08 Guntas out of total area of the project along the plant periphery.</p>



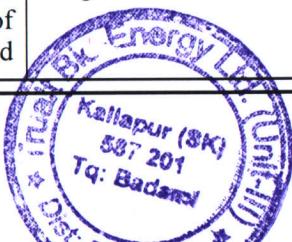
	<p>(xiii) As per the Ministry's OM dated 30.09.2020 superseding the OM dated regarding the Corporate Environmental Responsibility, and as per the action plan proposed by the project proponent to address the socio-economic and environmental issues in the study area, the project proponent, as committed, shall provide education funds canters/ support in nearby village's schools, support in health care facilities, drinking water supply and funds for miscellaneous activities like solar street lights, battery, solar panel etc., in the nearby villages. The action plan shall be completed within time as proposed.</p>	<p>(xiii) As per the Ministry's OM dated 30.09.2020 superseding the OM dated regarding the Corporate Environmental Responsibility, and as per the action plan proposed by the project proponent to address the socio-economic and environmental issues in the study area, the project proponent, as committed, shall provide education funds canters/ support in nearby village's schools, support in health care facilities, drinking water supply and funds for miscellaneous activities like solar street lights, battery, solar panel etc., in the nearby villages. The action plan shall be completed within time as proposed.</p>	<p>Unit belongs to TruAlt Bioenergy Ltd. group and having separate Foundation to take care of socioeconomic improvement in the surrounding villages. Paper cuttings on CER activities already submitted to Regional MOEF and Regional KSPCB offices.</p>
	<p>(xiv) There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products as per CPCB norms and no parking to be allowed outside on public places.</p>	<p>(xiv) There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products as per CPCB norms and no parking to be allowed outside on public places.</p>	<p>We have made separate parking area for ethanol carrying tankers, raw material vehicles inside the plant premises. &amp; proper boards displayed at necessary places.</p>
	<p>(xv) Storage of raw materials shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.</p>	<p>xv) Storage of raw materials shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.</p>	<p>Raw material storage in MS tanks with covered roof. Water Sprinkled/Sprayed on areas where material storage to avoid fugitive dust.</p>
	<p>(xvi) Continuous online (24x7) monitoring system for stack emissions shall be installed for measurement of flue as discharge and the pollutants concentration, and the data to be transmitted to the CPCB and SPCB server. For online continuous monitoring of effluent the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises.</p>	<p>(xvi) Continuous online (24x7) monitoring system for stack emissions shall be installed for measurement of flue as discharge and the pollutants concentration, and the data to be transmitted to the CPCB and SPCB server. For online continuous monitoring of effluent the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises.</p>	<p>We have monitored emissions and get analyzed through NABL accredited laboratory and found to be within norms. Effluent online continuous monitoring system installed and connected to CPCB and SPCB servers and giving consistent readings at actual. Flow meters and web camera also installed at slop inlet to incineration Boiler.</p>



		<p>(xvii) A separate Environmental Management cell (having qualified person with Environmental Science/Environmental Engineering/Specialization in the project area) equipped with full-fledged laboratory facilities shall up to carry out the Environment management and Monitoring functions.</p> <p><b>B. General Conditions</b></p> <p>(i) No further expansion or modifications in the plant, other than mentioned in the EIA notification 2006 and its amendments shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change/SEIAA, as applicable. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry/SEIAA as applicable to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.</p> <p>(ii) The energy source for lighting purpose shall be preferably LED based or advanced having preference in energy conservation and environment betterment.</p> <p>(iii) The overall noise levels in and around the plant area shall be kept well within the standards providing noise control measures including acoustic hoods, silencers, enclosures, etc. on all source of noise generation. The ambient noise levels shall confirm to the standards prescribed under the Environment (Protection) Act 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).</p>	<p>(xvii) A separate Environmental Management cell (having qualified person with Environmental Science/Environmental Engineering/Specialization in the project area) equipped with full-fledged laboratory facilities shall up to carry out the Environment management and Monitoring functions.</p> <p><b>B. General Conditions</b></p> <p>i) No further expansion or modifications in the plant, other than mentioned in the EIA notification 2006 and its amendments shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change/SEIAA, as applicable. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry/SEIAA as applicable to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.</p> <p>ii) The energy source for lighting purpose shall be preferably LED based or advanced having preference in energy conservation and environment betterment.</p> <p>iii) The overall noise levels in and around the plant area shall be kept well within the standards providing noise control measures including acoustic hoods, silencers, enclosures, etc. on all source of noise generation. The ambient noise levels shall confirm to the standards prescribed under the Environment (Protection) Act 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).</p>	<p>Management recruited qualified Environmental Science personnel &amp; made separate Environmental Management Cell. Industry already having a setup of well-equipped laboratory with modern instruments and apparatus to analyze the samples from treatment plant.</p> <p>We are adhered to EIA notifications and its amendments and will not deviate or alter in the project specifications without prior approval of Ministry of Environment and Climate Change / SEIAA.</p> <p>We have installed all lighting throughout the unit with LED based bulbs to save power consumption.</p> <p>We have provided acoustic hoods, silencers and enclosures to all noise generating equipment and also provided PPE kit to the person nearby noise generating equipment. The industry always confirming the stipulated standard prescribed noise levels</p>
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				<p>during day 75 dBA and night time 70 dBA. The ambient noise levels are within the limits, industry submitting monthly analysis reports on regular basis to Regional Office.</p> <p><b>Annexure III</b></p> <p>We having separate foundation in the name of Nirani (MRN) Group Foundation to take care of socioeconomic improvement in the surrounding villages. Newspaper clippings on CER activities attached as <b>Annexure-IV</b>.</p> <p>We are already earmarked sufficient funds towards environmental management and pollution control measures and will not divert the amount for any other purpose.</p> <p>Copy of the EC circulated to Gram Panchayat, Zilla Parishad/ Municipal Corporation, Urban local body and to the local NGO.</p> <p>Condition accepted and six monthly compliance report will be sent to State Pollution Board and also to Regional Office of MoEF&amp;CC-Bengaluru.</p>
		<p>(iv) The company shall undertake all relevant measures for improving the socioeconomic conditions of the surrounding area. CER activities shall be undertaken by involving local villages and administration and shall be implemented. The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.</p> <p>(v) The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management / pollution control measures shall not be diverted for any other purpose.</p> <p>(vi) A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zilla Parishad/ Municipal Corporation, Urban local body and the local NGO, if any, from whom suggestions/representations if any, were received while processing the proposal.</p> <p>(vii) The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to</p>	<p>(iv) The company shall undertake all relevant measures for improving the socioeconomic conditions of the surrounding area. CER activities shall be undertaken by involving local villages and administration and shall be implemented. The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.</p> <p>(v) The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management / pollution control measures shall not be diverted for any other purpose.</p> <p>(vi) A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zilla Parishad/ Municipal Corporation, Urban local body and the local NGO, if any, from whom suggestions/representations if any, were received while processing the proposal.</p> <p>(vii) The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard</p>	



		<p>the respective Regional Office of MoEF&amp;CC and six monthly compliance status report shall be posted on website of the company.</p> <p>(viii) The environmental statement for each financial year ending 31<sup>st</sup> March in Form-V as is mandated shall be submitted to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective Regional Offices of MoEF&amp;CC by e-mail.</p> <p>(ix) The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at website of the Ministry and at <a href="https://parivesh.nic.in/">https://parivesh.nic.in/</a>. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.</p> <p>(x) The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.</p> <p>(xi) The Environmental Clearance is granted subjected to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other</p>	<p>copies as well as by e-mail) to the respective Regional Office of MoEF&amp;CC and six monthly compliance status report shall be posted on website of the company.</p> <p>(viii) The environmental statement for each financial year ending 31<sup>st</sup> March in Form-V as is mandated shall be submitted to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective Regional Offices of MoEF&amp;CC by e-mail.</p> <p>(ix) The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at website of the Ministry and at <a href="https://parivesh.nic.in/">https://parivesh.nic.in/</a>. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.</p> <p>(x) The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.</p> <p>(xi) The Environmental Clearance is granted subjected to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other</p>	<p>Environmental Statement for the financial year ending 31<sup>st</sup> March 2025 in Form-V submitted to KSPCB – Regional Office on 30<sup>th</sup> September 2025. Copy of the acknowledgement attached as <b>Annexure-V</b>.</p> <p>We were already given advertisement on project accorded Environmental Clearance letter on two local newspapers (English &amp; Kannada) within seven days from the date of receipt of the EC copy. Copy of the advertisement attached as <b>Annexure-VI</b>.</p> <p>Acknowledged and Followed.</p> <p>Acknowledged and Accepted.</p>
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		Court of Law, if any as may be applicable to this project.	NGT and any other Court of Law, if any as may be applicable to this project.	
	21.	The Ministry reserves the right to stipulated additional conditions, if found necessary at subsequent stages and the project proponent shall implement all the said conditions in a time bound manner. The Ministry may revoke or suspend the environmental clearance, if implementation of the above conditions is not found satisfactory.	The Ministry reserves the right to stipulated additional conditions, if found necessary at subsequent stages and the project proponent shall implement all the said conditions in a time bound manner. The Ministry may revoke or suspend the environmental clearance, if implementation of the above conditions is not found satisfactory.	Condition Accepted.
	22.	Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act 1986.	Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act 1986.	Acknowledged & Agreed.
	23.	Any appeal against this environmental clearance shall lie with the National Green Tribunal if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act 2010.	Any appeal against this environmental clearance shall lie with the National Green Tribunal if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act 2010.	We are accepted the EC conditions, there is no objections.
	24.	The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act 1974, the Air (Prevention & Control of Pollution) Act 1981, The Environment (Protection) Act 1986, the Hazardous Waste (Management, Handling and Transboundary Movement) Rules 2016 and the Public Liability Insurance Act 1991 read with subsequent amendments therein.	The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act 1974, the Air (Prevention & Control of Pollution) Act 1981, The Environment (Protection) Act 1986, the Hazardous Waste (Management, Handling and Transboundary Movement) Rules 2016 and the Public Liability Insurance Act 1991 read with subsequent amendments therein.	Acknowledged the conditions.
	25.	This issue with the approval of the competent authority.	This issue with the approval of the competent authority.	Accepted with Thanks.
5.	The proposal was appraised by the Expert Appraisal Committee (Industry-2) in its meeting ID- IA/IND2/13394/28/11/2022 held during 28 <sup>th</sup> -29 <sup>th</sup> November, 2022 and EAC meeting (Meeting ID: IA/IND2/13410/21/12/2022) held on 21 <sup>st</sup> — 22 <sup>nd</sup> December, 2022 respectively. The EAC, after detailed deliberations, recommended the amendment (Bifurcation Distillery Unit & Transfer of distillery plant			

from M/s. MRN Cane power (India) Limited to M/s. TruAlt Bioenergy Limited - Unit -3) in the existing EC with same validity period as mentioned in the EC letter as proposed by the project proponent subject to the following additional condition:

- (i) PP shall sensitize and create awareness among the people working within the project area as well as its surrounding area on the ban of Single Use Plastic in order to ensure the compliance of Notification published by MOEFCC on 12<sup>th</sup> August, 2021. A report along with photographs on the measures taken shall also be included in the six-monthly compliance report being submitted to concerned authority.
- (ii) Distillery unit- TruAlt Bioenergy Ltd (unit-3) occupies 12.65 Acres. Out of which, the green belt will be developed in 4.8 Acre accounting for 37.94 % of the total area of the distillery.
  - No. of Plantation to be planted @2500 plants / Hectare = 4850 nos
  - Actual Plantation done is 4000 nos.
  - Deficit of 850 nos trees to be planted. PP shall ensure that the Deficit in Plantation shall be made up during the 2023 monsoon.
- (iii) Domestic sewage generated from the plant premises shall be treated in the sewage Treatment Plant.
- (iv) Existing Bagasse fired boilers shall meet the particulate matter emissions within the statutory limit of 50 mg/Nm<sup>3</sup>. At no time, the emission shall exceed the prescribed standards. In the event of failure of any pollution control system adopted by the unit, the respective unit shall not be restarted until the control measures are rectified to achieve the desired efficiency. Performance assessment of pollution control devices/ systems will be conducted annually.
- (v) 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 conducted on monthly basis and report submitted to SPCB and RO, MOEFCC. The ground water quality monitoring for pH, BOD, COD, Chloride, Sulphate and Total Dissolve Solids shall be monitored and report submitted to the Ministry's Regional Office.
- (vi) Storage of raw materials shall be either in silos or in covered areas to prevent dust pollution and other fugitive emissions. All stockpiles should be constructed over impervious soil and gulland drains with catch pits to trap runoff material shall be provided. Biomass shall be stored in covered sheds and wind breaking walls/curtains shall be provided around biomass storage area to prevent its suspension during high wind speed. All Internal roads shall be paved. Industrial vacuum cleaner shall be provided to sweep the internal roads. The Air Pollution Control System shall be interlocked with process plant/machinery for shutdown in case of operational failure of Air Pollution Control Equipment.
- (vii) Continuous online (24x7) monitoring system for stack emissions/effluent shall be installed for measurement of flue gas discharge and the pollutants concentration, and the data to be transmitted to the CPCB and SPCB server. For online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises.

Acknowledged and Followed.

The mentioned land area is already developed gradually as mentioned. Industry has planted 6000 no.s of plants as per conditions.

Domestic Sewage will be treated in Septic Tank followed by Soak Pits, constructed as per standard design of IS 2470 Part-I & Part-II.

Acknowledged Followed % accepted the condition.

We are monitored on monthly basis & the reports attached as **Annexure VII**.

We have accepted & follow the condition. Industry already provided all internal roads with Tar. Photographs attached as **Annexure VIII**.

We are already installed continuous online Monitoring System & connected to CPCB/KSPCB server.



	(viii) PP shall also comply with environmental conditions related to distillery unit stipulated in the Environment Clearance letter no. no 1- 11011/411/2014-IA II (I) dated 29.08.2016 has issued EC for establishment of 5000 TCD sugar plant, 65 KPPD Distillery and 35 MW Co-gen Power Plant.	
6.	Based on the proposal submitted by the project proponent as mentioned at para 4 above and recommendations of the EAC (Ind-2) as per para 5 above, the Ministry of Environment, Forest and Climate Change hereby accords approval to the proposed amendment (Bifurcation of the Distillery Unit & Transfer of distillery plant from M/s. MRN Cane power (India) Limited to M/s. TruAlt Bioenergy Limited -Unit-3) in the Environmental Clearance granted by the Ministry vide letter no 1- 11011/312/2021-IA II(I) dated 21 <sup>st</sup> September, 2021 for the Integrated expansion of sugar plant from 5,000 TCD to 10,000 TCD, Distillery unit from 65 KLPD to 400 KLPD using C- heavy molasses / B- heavy molasses / sugar syrup / grains as feedstock and a new Captive power plant capacity of 8 MW under Ethanol blended with Petrol (EBP) program located at Bagalkot, Karnataka by M/s. MRN Cane Power (India) Limited as per Ministry's notification no. SO 1832 (E) dated 21st April, 2023 for splitting and transferring existing EC to two or more legal persons during the validity period. However, all other general terms & conditions and validity as mentioned in EC vide file no. J-11011/312/2021-IA II(I) dated 21st September, 2021 shall remain unchanged.	Acknowledged.
7.	This issues with the approval of the competent authority.	Acknowledged

For TruAlt Bioenergy Limited, Unit-03.



Authorized Signatory,



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Page 1 of 1

## TEST REPORT

### Name of Customer and Address:

TRUALT BIOENERGY LIMITED,  
Unit-III, 47/1, 47/2, 48, 72, 73, 74,  
Kallapur S K, Kanapur S K,  
Bagakot-587155.

### Customer Reference:

PO NO : 7200000055

Date : 30-11-2024

### Sampling Location:

Near Main Gate

### Sample Description:

PM<sub>10</sub> & PM<sub>2.5</sub> Filter Papers, SO<sub>2</sub> & NO<sub>2</sub> Solutions

### Report Number:

NTLR/MAR/2025-26/162

### Sample Number:

NTLR/MAR/2025-26/162

### Type of Sample:

AIR – AMBIENT

### Discipline :

Chemical

### Group:

Atmospheric Pollution

Nichrome Testing Laboratory  
and Research Private Limited

Respirable Dust Sampler

Fine Particulate Sampler

30° C

19/03/2025

19/03/2025

20/03/2025

22/03/2025

22/03/2025

South East

NAAQ

### Particulars of Sample Collected:

### Environmental Condition:

Date of Collection:

Date of Sample Receipt:

Date of Analysis Started:

Date of Completion:

Date of Report:

Wind Direction:

Specification Standard

## RESULTS

SLNO	PARAMETERS	UNIT	SAMPLING METHOD	TEST METHOD	RESULT	STANDARDS
1	PM <sub>10</sub>	µg/m <sup>3</sup>	IS 5182(Part-23)	IS 5182(Part-23)	61.9	100
2	PM <sub>2.5</sub>	µg/m <sup>3</sup>	IS 5182 (Part-24)	IS 5182(Part-24)	26.7	60
3	Sulphur di Oxide	µg/m <sup>3</sup>	IS 5182(Part-2)	IS 5182(Part-2)	5.79	80
4	Oxides of Nitrogen	µg/m <sup>3</sup>	IS 5182(Part-6)	IS 5182(Part-6)	11.1	80

Inference as per NAAQ Standards

Above tested parameters are conforming to standards.



Authorized Signatory  
Channabasappa Maikar (Chemical)



-END OF REPORT-

### Note:

1. The results listed above pertain only to the tested samples and applicable parameters. 2. Samples which are degradable/unstable will be disposed immediately after testing and others will be disposed after 15 days from the date of issue of test report unless otherwise specified. 3. Total liability of our laboratory is limited to the invoiced amount. 4. This report is not to be reproduced either wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without prior written permission. 5. If any disputes subject to Dharwad jurisdiction. 6. When Laboratory is required by law/contractual agreements to release confidential information, the customer shall be informed.



Format No: NTLR/7.8/F/04-C/09

Page 1 of 1

## TEST REPORT

**Name of Customer and Address:**  
TRUALT BIOENERGY LIMITED,  
Unit-III, 47/1, 47/2, 48, 72, 73, 74,  
Kallapur S K, Kanapur S K,  
Bagakot-587155.

**Customer Reference:**  
PO NO : 7200000055  
Date : 30-11-2024

**Sampling Location:**  
Near Distillery

**Sample Description:**  
PM<sub>10</sub> & PM<sub>2.5</sub> Filter Papers, SO<sub>2</sub> & NO<sub>2</sub> Solutions

**Report Number:** NTLR/MAR/2025-26/163  
**Sample Number:** NTLR/MAR/2025-26/163  
**Type of Sample:** AIR – AMBIENT  
**Discipline :** Chemical  
**Group:** Atmospheric Pollution  
**Sample Collected by:** Nichrome Testing Laboratory and Research Private Limited  
**Particulars of Sample Collected:** Respirable Dust Sampler  
**Environmental Condition:** Fine Particulate Sampler  
**Date of Collection:** 30° C  
**Date of Sample Receipt:** 19/03/2025  
**Date of Analysis Started:** 19/03/2025  
**Date of Completion:** 20/03/2025  
**Date of Report:** 22/03/2025  
**Wind Direction:** 22/03/2025  
**Specification Standard:** South East  
NAAQ

## RESULTS

SLNO	PARAMETERS	UNIT	SAMPLING METHOD	TEST METHOD	RESULT	STANDARDS
1	PM <sub>10</sub>	µg/m <sup>3</sup>	IS 5182(Part-23)	IS 5182(Part-23)	70.2	100
2	PM <sub>2.5</sub>	µg/m <sup>3</sup>	IS 5182 (Part-24)	IS 5182(Part-24)	24.3	60
3	Sulphur di Oxide	µg/m <sup>3</sup>	IS 5182(Part-2)	IS 5182(Part-2)	5.13	80
4	Oxides of Nitrogen	µg/m <sup>3</sup>	IS 5182(Part-6)	IS 5182(Part-6)	10.4	80

Inference as per NAAQ Standards	Above tested parameters are conforming to standards.
---------------------------------	--



-:END OF REPORT:-

Authorized Signatory

Channabasappa Maikar (Chemical)



**Note:**

1. The results listed above pertain only to the tested samples and applicable parameters. 2. Samples which are degradable/unstable will be disposed immediately after testing and others will be disposed after 15 days from the date of issue of test report unless otherwise specified. 3. Total liability of our laboratory is limited to the Invoiced amount. 4. This report is not to be reproduced either wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without prior written permission. 5. If any disputes subject to Dharwad jurisdiction. 6. When laboratory is required by law/contractual agreements to release confidential information, the customer shall be informed.



Format No: NTLR/7.8/F/04-C/09

Page 1 of 1

## TEST REPORT

**Name of Customer and Address:**  
TRUALT BIOENERGY LIMITED,  
Unit-III, 47/1, 47/2, 48, 72, 73, 74,  
Kallapur S K, Kanapur S K,  
Bagakot-587155.

**Customer Reference:**  
PO NO : 7200000055  
Date : 30-11-2024

**Sampling Location:**  
Near Fermentation

**Sample Description:**  
PM<sub>10</sub> & PM<sub>2.5</sub> Filter Papers, SO<sub>2</sub> & NO<sub>2</sub> Solutions

**Report Number:** NTLR/MAR/2025-26/164  
**Sample Number:** NTLR/MAR/2025-26/164  
**Type of Sample:** AIR – AMBIENT  
**Discipline :** Chemical  
**Group:** Atmospheric Pollution  
**Sample Collected by:** Nichrome Testing Laboratory and Research Private Limited  
**Particulars of Sample Collected:** Respirable Dust Sampler  
**Environmental Condition:** Fine Particulate Sampler  
**Date of Collection:** 30° C  
**Date of Sample Receipt:** 19/03/2025  
**Date of Analysis Started:** 19/03/2025  
**Date of Completion:** 20/03/2025  
**Date of Report:** 22/03/2025  
**Wind Direction:** 22/03/2025  
**Specification Standard:** South East  
**NAAQ:** NAAQ

## RESULTS

SLNO	PARAMETERS	UNIT	SAMPLING METHOD	TEST METHOD	RESULT	STANDARDS
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	IS 5182(Part-23)	IS 5182(Part-23)	57.9	100
2	PM <sub>2.5</sub>	µg/m <sup>3</sup>	IS 5182 (Part-24)	IS 5182(Part-24)	21.4	60
3	Sulphur di Oxide	µg/m <sup>3</sup>	IS 5182(Part-2)	IS 5182(Part-2)	4.40	80
4	Oxides of Nitrogen	µg/m <sup>3</sup>	IS 5182(Part-6)	IS 5182(Part-6)	9.72	80

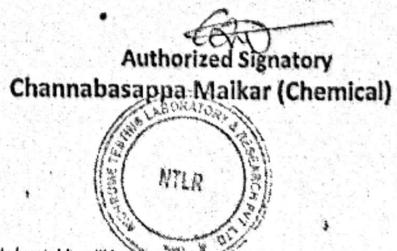
Inference as per NAAQ Standards      Above tested parameters are conforming to standards.



-:END OF REPORT:-

**Note:**

1. The results listed above pertain only to the tested samples and applicable parameters. 2. Samples which are degradable/unstable will be disposed immediately after testing and others will be disposed after 15 days from the date of issue of test report unless otherwise specified. 3. Total liability of our laboratory is limited to the invoiced amount. 4. This report is not to be reproduced either wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without prior written permission. 5. If any disputes subject to Dharwad jurisdiction. 6. When laboratory is required by law/contractual agreements to release confidential information, the customer shall be informed under prohibited by law.





CIN: U74900KA2013PTC069193

MOU WITH VARIOUS EDUCATIONAL,  
GOVERNMENT AND PRIVATE AGENCIES

**NICHROME TESTING LABORATORY  
AND RESEARCH PRIVATE LIMITED**

170, 2nd MAIN JUDGES BUNGALOW ROAD, NARAYANPUR  
DHARWAD, KARNATAKA, INDIA PIN: 580 008  
PH: 0836-2771115, 2778521  
email: nicechem@gmail.com, website: nichromelabs.com

TESTING / CONSULTING / ENGINEERING / TRAINING

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Page 1 of 1

**TEST REPORT**

**Name of Customer and Address:**

TRUALT BIOENERGY LIMITED,  
Unit-III, 47/1, 47/2, 48, 72, 73, 74,  
Kallapur S K, Kanapur S K,  
Bagakot-587155.

**Customer Reference:**

PO NO : 7200000055

Date : 30-11-2024

**Sampling Location:**

52 TPH Boiler

**Sample Description:**

Thimble, SO<sub>2</sub> & NO<sub>2</sub> Solution

**Report Number:**

NTLR/MAR/2025-26/165

**Sample Number:**

NTLR/MAR/2025-26/165

**Type of Sample:**

STACK

**Discipline :**

Chemical

**Group:**

Atmospheric Pollution

**Sample Collected by:**

Nichrome Testing Laboratory and

Research Private Limited

Stack Sampler & Flue Gas Analyzer

30° C

**Particulars of Sample Collected:**

19/03/2025

**Environmental Condition:**

19/03/2025

**Date of Collection:**

20/03/2025

**Date of Sample Receipt:**

22/03/2025

**Date of Analysis Started:**

22/03/2025

**Date of Completion:**

22/03/2025

**Date of Report:**

Satisfactory

**Sample Condition:**

KSPCB

**GENERAL DETAILS**

<b>Fuel Used</b>	Thick Spent Wash+Bagasse
<b>Height (m)</b>	85
<b>Diameter (m)</b>	2.15
<b>Stack Temperature °C</b>	135
<b>Ambient Temperature °C</b>	30
<b>Flue Gas Velocity (m/sec.)</b>	9.33
<b>Cross Sectional Area(m<sup>2</sup>)</b>	3.7312
<b>Quantity of flue gas discharged into atmosphere(Nm<sup>3</sup>/h)</b>	93957.2

**RESULTS**

SL.NO	PARAMETERS	UNIT	SAMPLING METHOD	TEST METHOD	RESULT	STANDARDS
1	Particulate Matter	mg/Nm <sup>3</sup>	IS 11255 (Part 1)	IS 11255 (Part 1)	122.4	150
2	Sulphur dioxide	mg/Nm <sup>3</sup>	IS 11255 (Part 2)	IS 11255 (Part 2)	10.2	Not Specified
3	Oxides of Nitrogen	mg/Nm <sup>3</sup>	IS 11255 (Part 7)	IS 11255 (Part 7)	35.4	Not Specified

Inference as per KSPCB Standards	Above tested parameters are conforming to standards.
----------------------------------	--

-END OF REPORT-



Authorized Signatory

Channabasappa Maikar (Chemical)

**Note:**

1. The results listed above pertain only to the tested samples and applicable parameters. 2. Samples which are degradable/unstable will be disposed immediately after testing and others will be disposed after 15 days from the date of issue of test report unless otherwise specified. 3. Total liability of our laboratory is limited to the invoiced amount. 4. This report is not to be reproduced either wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without prior written permission. 5. If any disputes Subject to Dharwad Jurisdiction. 6. When Laboratory is required by law/contractual agreements to release confidential information, the customer shall be informed unless prohibited by law. 7. Sampling is not done by us unless otherwise specified. 8. Any discrepancy in the test report should be notified within 15 days. 9. For any Complaints kindly register in our Complaint Register maintained with us.



CIN: U74900KA2013PTC069193

MOU WITH VARIOUS EDUCATIONAL,  
GOVERNMENT AND PRIVATE AGENCIES

## NICHROME TESTING LABORATORY AND RESEARCH PRIVATE LIMITED

170, 2nd MAIN JUDGES BUNGALOW ROAD, NARAYANPUR  
DHARWAD, KARNATAKA, INDIA PIN: 580 008

PH: 0836-2771115, 2778521

email: nicechem@gmail.com, website: nichromelabs.com

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Format No: NTLR/7.8/F/04-C/09

Page 1 of 1

## TEST REPORT

### Name of Customer and Address:

TRUALT BIOENERGY LIMITED,  
Unit-III, 47/1, 47/2, 48, 72, 73, 74,  
Kallapur S K, Kanapur S K,  
Bagakot-587155.

### Customer Reference:

PO NO : 7200000055  
Date : 30-11-2024

### Sample Description:

Noise Data

Report Number:

Sample Number:

Type of Sample:

Discipline :

Group:

Sample Collected by:

Sampling Method:

Particulars of Sample Collected:

Environmental Condition:

Sampling From:

Sampling Till:

Date of Sample Receipt:

Date of Report:

Specification Standard:

NTLR/MAR/2025-26/166 To167

NTLR/MAR/2025-26/166 To167

AMBIENT NOISE (DAY)

Chemical

Atmospheric Pollution

Nichrome Testing Laboratory and  
Research Private Limited

IS 9989: 2014

Noise Level Meter

30° C

Date: 19/03/2025

Date: 19/03/2025

19/03/2025

20/03/2025

KSPCB Standards

## RESULTS

S.No	Sampling Location	Sample Code	Time Frequency	Results (Day Time)			
				Maximum in dB (A) Leq	Minimum in dB (A) Leq	Leq in dB (A)	Permissible Limits in dB (A) Leq
1	Near Main Gate	166	10:00 am To 10:15 am	76.2	65.5	72.9	75 (06:00 am To 10:00 pm )
2	Near Process Area	167	10:20 am To 10:35 am	71.4	64.5	69.2	

Inference as per KSPCB Standards

Above tested parameter is conforming to standards.

  
Authorized Signatory

Channabasappa Maikar (Chemical)



-END OF REPORT:-

### Note:

1. The results listed above pertain only to the tested samples and applicable parameters. 2. Samples which are degradable/unstable will be disposed immediately after testing and others will be disposed after 15 days from the date of issue of test report unless otherwise specified. 3. Total liability of our laboratory is limited to the invoiced amount. 4. This report is not to be reproduced either wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without prior written permission. 5. If any disputes subject to Dharwad Jurisdiction. 6. When laboratory is required by law/contractual agreements to release confidential information, the customer shall be informed unless prohibited by law. 7. Sampling is not done by us unless otherwise specified. 8. Any discrepancy in the test report should be notified within 15 days. 9. For any complaints kindly register in our Complaint Register maintained with Customer Service Coordinator.



Format No: NTLR/7.8/F/04-C/09

Page 1 of 1

## TEST REPORT

**Name of Customer and Address:**  
TRUALT BIOENERGY LIMITED,  
Unit-III, 47/1, 47/2, 48, 72, 73, 74,  
Kallapur S K, Kanapur S K,  
Bagakot-587155.

**Customer Reference:**  
PO NO : 7200000055  
Date : 30-11-2024

**Sample Description:**  
Noise Data

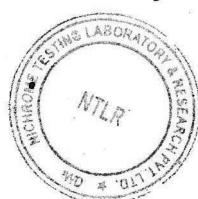
**Report Number:** NTLR/MAR/2025-26/168 To169  
**Sample Number:** NTLR/MAR/2025-26/168 To169  
**Type of Sample:** AMBIENT NOISE (NIGHT)  
**Discipline :** Chemical  
**Group:** Atmospheric Pollution  
**Sample Collected by:** Nichrome Testing Laboratory and Research Private Limited  
**Sampling Method:** IS 9989: 2014  
**Particulars of Sample Collected:** Noise Level Meter  
**Environmental Condition:** 30° C  
**Sampling From:** Date: 19/03/2025  
**Sampling Till:** Date: 19/03/2025  
**Date of Sample Receipt:** 19/03/2025  
**Date of Report:** 20/03/2025  
**Specification Standard:** KSPCB Standards

## RESULTS

S.No	Sampling Location	Sample Code	Time Frequency	Results (Night Time)			
				Maximum in dB (A) Leq	Minimum in dB (A) Leq	Leq in dB (A)	Permissible Limits in dB (A) Leq
1	Near Main Gate	168	10:00 pm To 10:15 pm	68.7	60.2	65.2	70 (10:00 pm To 06:00 am )
2	Near Process Area	169	10:20 pm To 10:35 pm	63.4	58.5	60.7	

Inference as per KSPCB Standards	Above tested parameter is conforming to standards.
----------------------------------	--

  
Authorized Signatory  
Channabasappa Maikar (Chemical)



-:END OF REPORT:-

### Note:

1. The results listed above pertain only to the tested samples and applicable parameters. 2. Samples which are degradable/unstable will be disposed immediately after testing and others will be disposed after 15 days from the date of issue of test report unless otherwise specified. 3. Total liability of our laboratory is limited to the invoiced amount. 4. This report is not to be reproduced either wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without prior written permission. 5. If any disputes Subject to Dharwad Jurisdiction. 6. When Laboratory is required by law/contractual agreements to release confidential information, the customer shall be informed unless prohibited by law. 7. Sampling is not done by us unless otherwise specified. 8. Any discrepancy in the test report should be notified within 15 days. 9. For any Complaints kindly register in our Complaint Register maintained with

ಇತ್ಯಾ.

## ಸೋಂಕು ತಡೆಗೆ ನಿರಾಳೆ ಫೌಂಡೇಷನ್ ನೆರವು ₹1 ಕೋಟಿ ಮೌಲ್ಯದ ಸ್ವಾನಿಟ್ಯೆಸರ್ ಪೂರ್ವಕೆ

ಪ್ರಜಾವಾಣಿ ವಾರ್ತೆ

ದೀರ್ಘಿಗೆ ಕೋರೊನಾ ಪ್ರೇರಸ್ ಸೋಂಕು ತಡೆಗಟ್ಟಲು ಸ್ವಾನಿಟ್ಯೆಸರ್ಗಳ ಅಗತ್ಯ ಇದ್ದು, ಸದ್ಯ ಮಾರುಕಟ್ಟೆಯಲ್ಲಿ ತೀವ್ರ ಅಭಾವ ಉಂಟಾಗಿದೆ. ಅದ್ದರಿಂದ ನಿರಾಳೆ ಫೌಂಡೇಷನ್‌ನಿಂದ ₹1 ಕೋಟಿ ಮೌಲ್ಯದ ಸ್ವಾನಿಟ್ಯೆಸರನ್ನು ಮತ್ತೊಮ್ಮೆ ಉಚಿತವಾಗಿ ಪೂರ್ವಸಲಾಗುವುದು ಎಂದು ಶಾಸಕ ಮುರುಗೇಶ ನಿರಾಳೆ ಹೇಳಿದರು.

ದೀರ್ಘಿಗಿಯಲ್ಲಿ ಸೋಮವಾರ ನಡೆದ ಮತ್ತೊಮ್ಮೆ ಪ್ರಮುಖ ಅಧಿಕಾರಿಗಳ ಸಭೆಯಲ್ಲಿ ಸ್ವಾನಿಟ್ಯೆಸರ್ ವಿತರಣೆಗೆ ಚಾಲನೆ ನೀಡಿ ಅವರು ಮಾತನಾಡಿದರು.

ಶೀಪ್ತ ಮಾಸ್ತೋಗಳನ್ನು ಪೂರ್ವಸ



ದೀರ್ಘಿಗಿಯಲ್ಲಿ ಸೋಮವಾರ ಶಾಸಕ ಮುರುಗೇಶ ನಿರಾಳೆ ಸ್ವಾನಿಟ್ಯೆಸರ್ ವಿತರಣೆಗೆ ಚಾಲನೆ ನೀಡಿದರು

ಉಗುವುದು. ಗ್ರಾಮ ಮತ್ತೊಮ್ಮೆ ಪ್ರಮುಖ ಸಭೆಗಳಲ್ಲಿ ಜನ ಗುಂಪಾಗಿ ಕೂರುವುದನ್ನು ತಪ್ಪಿಸಲು ಸುಷ್ಟು ಎಣ್ಣೆ ಹಾಕಲಾಗುತ್ತಿದೆ. ಅಂತಹ ಎಣ್ಣೆ ನಮ್ಮೆಲ್ಲ ಲಭ್ಯವಿದ್ದು,

ಪದೆಯಬಹುದು ಎಂದು ತಿಳಿಸಿದರು. ತಹಕೀಲಾರ್ ಬಿ.ಎ. ಅಜೂರ, ಇಬ ಎಂ.ಕೆ. ತೊಡಲಬಾಗಿ, ಶಿಹಿಬ ಸಂಚೀವ ಬಳಿಗಾರ, ತಾಲ್ಲೂಕು ಅರೋಗ್ಯಾಧಿಕಾರಿ ಡಾ. ದಯಾನಂದ ಕರೆಣ್ಣಿವರ ಇದ್ದರು.

# ನಿರಾಳೆ ಕಾಖಾನೆಯಲ್ಲಿ ಸ್ಥಾನಿಕೆಸರ್ ಟನಲ್

బగల్కోడి: కొయినా వ్యర్థానింద  
లాక్ డైనా ముందువరిద్ది ఇదర  
ఏదులు సంఘటక మోరాట నష్టమవల్ల  
జల్లుపు నిడావే లుచ్చమ సమాజ  
ముంచోసియల్లిచ ఎందు సమాజద  
కాయి నివాచక నియోజక సంగమేళ  
నిధాని తీళికిదార.

ಪ್ರತಿ ಬಾರಿ ಸಮಾಜ ಸಂಕೆಷಣಲ್ಲಿ  
ಸಿಲುಕೆದಾಗ ನಿರಾಳ ಸಮಾಜ ನೋವಿಗೂ  
ಸ್ವಂಧಿಸಿದೆ. ಸಂಸ್ಕೃತಕ ಅಧ್ಯಕ್ಷ ಹಾಗೂ  
ಬಿಳಿಗಿ ಕಾಸಕ ಮುರಗೆಲ ನಿರಾಳ ಅವರ  
ನಿದೇಶನದಂತೆ ಈ ಸಂದರ್ಭವನ್ನು  
ಯಾರ್ಥಿಕ್ಯಾಗಿ ನಿರಾಳಿಸಲು ಸಮಾಜ  
ಮುಂದಾಗಿ ಎಂದಿದ್ದಾರೆ.

ಸ್ವಾನಿಟಿಸರ್ ಬನಲ್ ನಿಮಾಣಿ: ಕಾರ್ಯಾ ನೆಗಡಿ ವ್ಯಾಪಕ ಬಳಿ ಸೆಂಪು ಹರಡುವಿಕೆ ತತ್ವಜ್ಞ ಸ್ವಾನಿಟಿಸರ್ ಬನಲ್ ಗಳನ್ನು ನಿರ್ಮಿಸಲಾಗಿದೆ. ಉದ್ದೇಶಿಯ ಕಾರ್ಯಾನ್ ಅವರಾ ಪ್ರಮೇಶಕ್ಕೆ ಮೊದಲು ಸ್ವಾನಿಟಿಸರ್ ಕೈ ತೊಳೆದುಕೊಂಡು, ಹ್ಯಾಂಡ್ ಸ್ವಾನಿಟಿಸರ್ ಸಿಂಪಿಕ್ ಕೊಂಡು, ಗ್ಲೂಫ್, ಮಾಸ್ಟಿ ಧರಿಸಿ ಟಿಂಪರೆಚರ್ ಗ್ರಾ ಮೂಲಕ ದೇಹದಲ್ಲಾಂತ ಪರಿಶ್ರೇಷ್ ಒಳಪಟ್ಟಿ ನಂತರ ಸ್ವಾನಿಟಿಸರ್ ಬನಲ್ ಮೂಲಕ ಕಾರ್ಯಾನ್ ಪ್ರಮೇಶಿಸುವ ವ್ಯವಸ್ಥೆ ಮಾಡಲಾಗಿದೆ ಎಂದು ಹೇಳಿದಾರೆ.



ಬಾಗಲಕೋಡೆ: ನಿರಾಣಿ ಉದ್ಯಮ ಸಮೂಹದ ಕಾರ್ಯಕರಿಗೆ ಕೊರೊನಾ ಏರುದ್ದು ಹೋರಾಟದ ಕುರಿತು ಸಲಹೆ ನೀಡುತ್ತಿರುವ ಸಂಗಮೇಶ ನಿರಾಣಿ.

ಉದ್ದೋಂಗ ಸುರಕ್ಷತೆಗೆ ದಿಟ್ಟ ಕ್ರಮ: ಸಕ್ಕರೆ, ಸಿಮಂಟ್, ಡಿಸ್ಟಿಲ್‌ರೆ, ಬ್ಯಾಂಡಿಂಗ್, ಶಿಕ್ಕಣ ವಿಧಿ ಕ್ಷೇತ್ರಗಳಲ್ಲಿ ಮುಂದುವರೆದ ನಿರಾನಿ ಉದ್ದೇಶ ಸಂಖ್ಯೆಯಲ್ಲಿ 10 ಸಾವಿರಕ್ಕೂ ಅಧಿಕ ಉದ್ದೋಂಗಿಗಳಿದ್ದಾರೆ. ಕಾರ್ಯಾಚಾರಗಳ ಮತ್ತಿ ಸಮುದ್ರಯರುಗಳಲ್ಲಿ ನಿರಾನಿಗಳ ಪಿರಿಕ್ಕುತ್ತಿರುತ್ತಾರೆ ಭಾರತದಲ್ಲಿ, ಕೇವಲಿದ್ದ -19 ಸೋಂಕು ಕಾರ್ಬಿಡ್‌ಕೊಂಡಾಗಿನಿಂದಲೂ ಕಟ್ಟಿನಿಟ್ಟುದ ಕ್ರಮಗಳನ್ನು ಸಂಸ್ಥೆ ಅನುಷ್ಠಾನಗೊಳಿಸಿದ ಎಂದು ತಿಳಿಸಿದ್ದಾರೆ.

ಆದೆಲ್ಲಿಗಳಾಗಿದೆ. ಒಂದು ತಿಂಗಳಿನಿಂದ ಇಂದನವರೆಗೆ ಯಾವೇಬ್ಬು ಮೌನವಕ್ಕೆ ಕಾಲ್ಪನಿ ಪ್ರವೇಶಿಸಿಲ್ಲ. ನಿರಾನಿಗಳಿಗೆ ರೇಳನ್ ಹಾಗೂ ತರಕಾರಿಗಳನ್ನು ಕಾರ್ಯಾಚಾರ ಸೆರ್ಕ್ಯೂಟ್‌ಟೆ ಸಿಬ್ಬಂದಿಯೇ ಸರಬರಾಜು ಮಾಡಲಾಗುತ್ತಿದೆ ಎಂದು ಹೇಳಿದ್ದಾರೆ. ಸಿಬ್ಬಂದಿಗೆ ಪ್ರಾಧಿಕ ಸುರಕ್ಷಾ ಸಲಕರಣೆಗಳಾದ ಮಾಸ್ಟ್‌ಗ್ಲೋಬ್‌ ವ್ಯಾಂಡ್ ಸ್ಟ್ರಾಂಟ್‌ ಸ್ಟ್ರಾನ್‌ಟ್‌ಸ್ಟ್ರಾನ್‌ ನಾನ್‌ಟ್ರಿಕ್‌ನಾಗಳನ್ನು ಬದಿಸಲಾಗಿದೆ ಸರಕು ಸಾಗಾಣ ವಾಹನಗಳ ಚಾಲಕರು, ಫ್ಲೋಗ್‌ಗಳನ್ನು ವಾಹನದಿಂದ

କାଳୀନୀ ବଳୀ ଆପରିଚିତର,  
ବିଦ୍ୟୁତକୁ, ପ୍ରେସରିଂଙ୍କ ହାଗୁ  
ନିବାସିଙ୍କୁ ହୋରମୋରେଣତ ନିବଂଧିନ  
ଲାଗିଦେ. ପ୍ରାଚୀନତାରୁଦ୍ଧ କୁଣ୍ଡଳିଂବଗାର୍ଜନ୍ମୁ  
ସ୍ଵର୍ଯ୍ୟଂ କାରାଂଟିନ୍ସ୍ ଏଫିକ୍ସିଶନ୍କର୍ମ୍ୟରେ  
ଜଳଦାସ ଆପରିଗ୍ ସ୍ଫ୍ଲାଚରିଟ୍ୟୁୟେ ଏଲ୍ଲାମନ୍ତୁ  
ପ୍ରଦ୍ୟୁମନ ପ୍ରସ୍ତ୍ରେମାଦିଦେ.  
ଶୋଇକୁ ନିଯଂତ୍ରଣାକ୍ଷାଣ ସ୍କ୍ୟାନିକ୍ସିପର୍  
ବ୍ୟାକ୍ସନ୍ ସମ୍ମାନ ପଞ୍ଚଶିର୍ଯୁ ୩ ଦିଲ୍ଲିର  
ପ୍ରତିକଟିକାରୀ ହେଲ୍ପିନ ପ୍ରମାଦ ଉତ୍ୟେନାଲ୍ଲା

ತಯಾರಿಸುತ್ತಿದೆ. ಕೊಡೊನಾ ಸೋಂಕು  
ನಿಯತ್ಯಂಕೈ ಸ್ವಾನಿಟೆಸರ್ ಅವ್ಯಾಕತೆ  
ಮನಗಂಡು ಅರ್ಪತಮ ಗುಣಮಟ್ಟದ  
ಸ್ವಾನಿಟೆಸರ್ ಉತ್ಪಾದಿಸುವ ದಿಂಡಿ ಹೆಚ್ಚಿನನ್ನು  
ನಿರಾರ್ಥ ಸಮಾವ ಸಂಸ್ಥೆ ಇದ್ದೆ. ರಾಷ್ಟ್ರ  
ಹಾಗೂ ಅಂತಾರಾಷ್ಟ್ರೀಯ ಮಟ್ಟದಲ್ಲಿ  
ಬಹುಬೇಡಿಕ ಇರುವ ಈ ಸ್ವಾನಿಟೆಸರ್ನು  
ಪೂರ್ವಸುತ್ತಿದೆ ಎಂದು ತಿಳಿಸಿದ್ದಾರೆ.

1 ಕೊಟೆ ಮೌಲ್ಯದ ಉಟಕೆ ಸ್ವಾನಿಟ್ಸರ್ ವಿತರಕೆ: ಮಾರಾಟದ ಉದ್ದೇಶಕ್ಕಾಗಿ ಸ್ವಾನಿಟ್ಸರ್ ಉತ್ಪಾದನ ಮಾಡುತ್ತಿರುತ್ತದೆ. 1 ಕೊಟೆ ಮೌಲ್ಯದ ಉಟಕೆ ಸ್ವಾನಿಟ್ಸರ್ ದೇಶೀಗಳಾಗಿ ನೀಡಿರುವುದು ಸಮೂಹ ಸಂಸ್ಥೆಯ ಸಾಮಾಜಿಕ ಕಾಳಜಿಯಾಗಿದೆ. ಕೊಲೆನಾ ವಾರಿಯಿಸ್‌ಎಂಜಿನ್, ರೈಕರ್‌, ಸ್ಕಾರ್‌ ಕರ್ಜೆರಿಗಳಿಗೆ ಉಚಿತವಾಗಿ ವಿತರಿಸುವ ಕಾರ್ಯ ಫೋಂಡೇಶನ್‌ ಮೂಲಕ ನಡೆಯುತ್ತಿದೆ ಎಂದು ಹೇಳಿದರೆ.

గోవ కెనడిగర సరపిగ నిత  
మురుగేళ నిరాణి : సిట్టుదిగిళ హితరక్కుఁకే  
జంగే జోవిడ్-19 లాకోడ్చోనానిందాగి  
గోవాదల్లి సిలుక్కొండిరువ గోవా  
కెనడిగ కామికర సంకష్ట అరితు  
మురుగేళ నిరాణి తక్కులు స్వదిసి  
అవ్యక్త రేణు వాగు దినుబుళకే మస్తు  
కుండిసికొండిదారె ఎందు తిళిసిదారె.

# 'Poverty should inspire for achievement'

**JAMKHANDI:** Poverty should inspire and encourage for achievement and one should be determined to achieve the goal amidst challenges in life, advised Retired Lieutenant General Ramesh Halagali.

He was speaking after inaugurating a workshop on IAS/KAS competitive exams organised by MRN (Nirani) Foundation at Murugoda Kalyana Mantapa in Jamkhandi in Bagalkot district on Sunday.

He said, the persons who work hard with strong determination and discipline can achieve success. Amidst several challenges, one should work hard to reach goal, he suggested.

Speaking on the occasion, Upper Krishna Project Rehabilitation & Resettlement Commissioner Shivayogi Kalasad suggested that the students should have dreams and should develop discipline and hard working nature to realise their dreams.

MRN (Nirani) Foundation's Founder President and former minister Murugesh Nirani said, in these days, many rural stu-



Retired Lieutenant General Ramesh Halagali and Upper Krishna Project Rehabilitation & Resettlement Commissioner Shivayogi Kalasad jointly inaugurating a workshop on IAS/KAS competitive exams organised by MRN (Nirani) Foundation in Jamkhandi in Bagalkot district on Sunday. DH PHOTO

dents are shining in the national and State-level competitive exams. Honest efforts bring fruitful results in any competitive exams, he suggested.

Excise Department's Sanganagouda Hosalli, Assistant Commissioner Ravindra Karalingannavar, Bengaluru Active Coaching Centre's Manju-

nath Badagi, Tahsildar Prashant Chanagonda and others were present on the occasion.

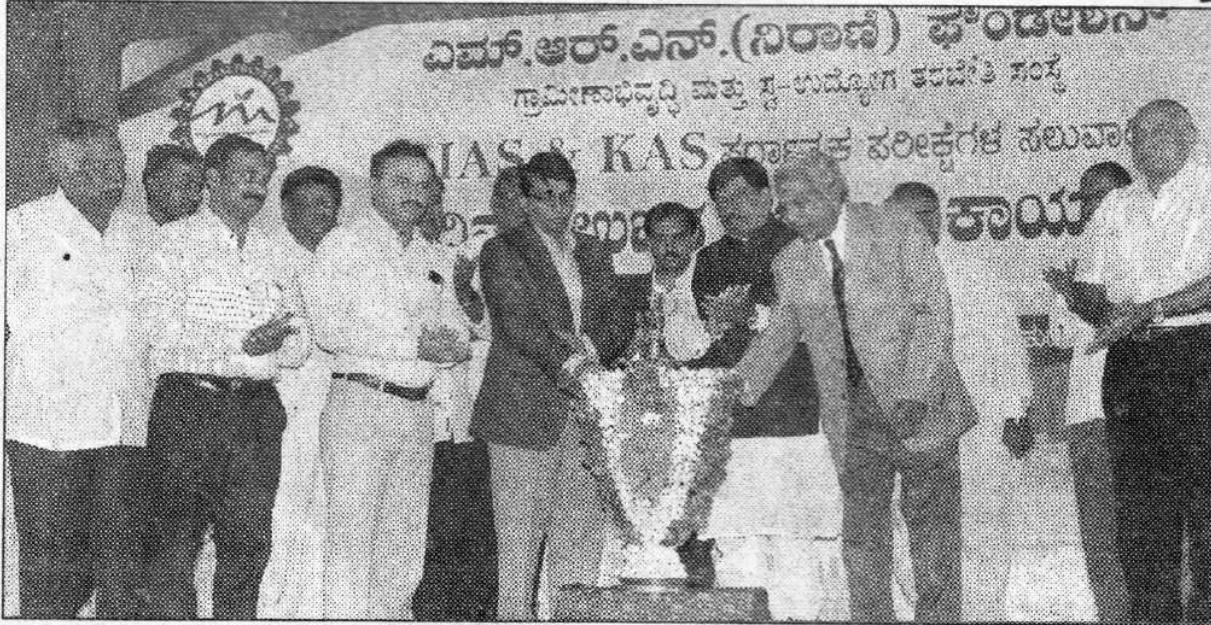
**DH News Service**



# ಯಶಸ್ವಿನ್ನತ್ವ ಮುನ್ಗ್ರಿ:

## ಮುರಗೇಶ ನಿರಾಣೀ

ದಿಗಂತಚಿತ್ರ



ನಗರದ ಮುರಗೋಡ ಕಲ್ಯಾಣ ಮಂಟಪದಲ್ಲಿ ನಡೆದ ಕಾರ್ಯಾಗಾರವನ್ನು ಗ್ರಾಮ ಉದ್ಘಾಟನಿಸಿದರು.

► ದಿಗಂತ ವರದಿ ಜಮಿಂಡಿ ನಿ.4

ಹಗಲಿರುಳೆನ್ನದೆ ಪರಿಶ್ರಮಪಟ್ಟು ಎಲ್ಲರು ಯಶಸ್ವಿನ್ನ ಕಾಣಬೇಕು. ಗುರುಗಳು ಧಾರಿಯನ್ನು ಮಾತ್ರ ಹೋರಿಸುತ್ತಾರೆ. ಆದರೆ ನಡೆಯುವುದು ನಿಮ್ಮ ಕರ್ತವ್ಯ ಎಂದು ಮಾಡಿ ಸಚಿವ ಎಂ.ಆರ್. ಎನ್. (ನಿರಾಣೀ) ಫೌಂಡೇಶನ ಆಧ್ಯಾತ್ಮ ಮುರಗೇಶ ನಿರಾಣೀ ಹೇಳಿದರು.

ನಗರದ ಮುರಗೋಡ ಕಲ್ಯಾಣ ಮಂಟಪದಲ್ಲಿ ಎಂ.ಆರ್. ಎನ್. (ನಿರಾಣೀ) ಫೌಂಡೇಶನ ಗ್ರಾಮಿಣಾಭಿವೃದ್ಧಿ ಮತ್ತು ಸ್ವ ಉದ್ಯೋಗ ತರಬೇತಿ ಸಂಸ್ಥೆಯ ಆಶಯದಲ್ಲಿ ಒಂದು ದಿನದ ಐಎಸ್. ಮತ್ತು ಕೆಎಎಸ್ ಸ್ವಧಾರ್ಥಿಗಳಿಗೆ ಹಮ್ಮಿಕೊಂಡಿದ್ದ ಉಚಿತ ಕಾರ್ಯಾಗಾರದಲ್ಲಿ ಮಾತನಾಡಿದರು. ನಮಗೆ ಅವಹಾಸ್ಯ, ನಿಂದನೆ ಮಾಡುವವರನ್ನು ವಿಚಾರಿಸಬೇಡಿ, ಅವರು ಇಂದ್ರಾಂದ ನಾವು ಸಾಧನೆ ಮಾಡಲು ಸಾಧ್ಯವಾಗುತ್ತದೆ. ಸ್ವಧಾರ್ಥಿಗಳು ತಮಗೆ ಯಾವ

ವಿಷಯದಲ್ಲಿ ಆಸಕ್ತಿಯನ್ನು ಹೊಂದಿದ್ದಿರಿ ಆದರಲ್ಲಿ ಕಾರ್ಯಾಗಾರವಾಗಿ ಎಂದು ತಿಳಿಸಿದರು.

ಬೆಳಗಾವಿಯ ಪ್ರಾದೇಶಿಕ ಆಯುಕ್ತ ಶಿವಯೋಗಿ ಕಳಸದ ಮಾತನಾಡಿ, ವೃತ್ತಿಗಳ ಪ್ರೇರಣೆಗಂತ ಸಂವಾದ ಬಹಳ ಮುಖ್ಯವಾಗುತ್ತದೆ. ಸ್ವಧಾರ್ಥಿಗಳಿಗೆ ಸ್ವೇಜವಾದ ಸ್ಥಿತಿ ತಿಳಿಯುತ್ತದೆ. ಆದ್ದರಿಂದ ಇಂತಹ ಕಾರ್ಯಾಗಾರಗಳು ನಡೆಯಬೇಕು ಎಂದರು

ರವೀಂದ್ರ ಕರ್ಲಿಂಗಣ್ಣವರ, ನಿವೃತ್ತ ಲೆಟಿನೇಚ್ ಜನರಲ್ ರಮೇಶ ಹಲಗಲಿ, ಡಾ. ಸಂಗನಗೌಡ ಹೊಸಹಳ್ಳಿ ಮಂಜುನಾಥ ಬಾಡಿಗಿ, ತಹತೀಲಾರ್ ಪಿ.ಎನ್. ಚನಗೋಂಡ, ನಿವೃತ್ತ ಡಿವೈನ್ಸೋಪಿ ಪಿ.ಎನ್. ಪಾಟೀಲ್, ಸಿ.ಪಿ. ಜನವಾಡ, ಎಸ್. ಕ. ಪಾಟೀಲ್ ಇದ್ದರು. ಜ್ಯೋತಿ ಯಡಹಳಿ ಪ್ರಾಧಿಕಿಸಿದರು. ವೆಂಕಟೇಶ ಭಾಗಿ ನಿರೂಪಿಸಿದರು. ಡಾ.ಉಮೇಶ ಮಹಾಬಳಶೇಟ್ ಸಾಗ್ರಹಿಸಿದರು. ಫೌಂಡೇಶನದ ನಿರ್ದೇಶಕರಾದ ಸಂಗಮೇಶ ಆರ್. ನಿರಾಣೀ ವಂದಿಸಿದರು.

# ► ಜಮಾಂಡಿಯಲ್ಲಿ ಉಚಿತ ಆರೋಗ್ಯ ಶಿಬಿರ ಸ್ವಚ್ಚತೆಗೆ ಹೆಚ್ಚಿನ ಮಹತ್ವ ನೀಡಿ: ಕವಟಿಮತ

ದಿಗಂತ ಚಿತ್ರ

► ದಿಗಂತ ವರದಿ: ಜಮಾಂಡಿ, ನಿ. 16

ಆರೋಗ್ಯವಂತ ಸಮಾಜದಿಂದ ಸುಂದರ ದೇಶ ನಿರ್ಮಾಣ ಸಾಧ್ಯವಾಗುತ್ತದೆ. ಆದ್ದಕೆ ಪ್ರಧಾನಿ ನರೇಂದ್ರ ಮೋದಿಯವರ ಆರ್ಥಿಕದಂತೆ 21 ನೇ ಶತಮಾನದಲ್ಲಿ ಭಾರತವು ಆರೋಗ್ಯವಂತ ಸಮಾಜವಾಗಬೇಕಾದರೆ ಸ್ವಚ್ಚತೆಗೆ ಹೆಚ್ಚು ಮಹತ್ವ ನೀಡಬೇಕು ಎಂದು ಏಧಾನ ಪರಿಪಠ ಸದಸ್ಯ ಮಹಾಂತೇಶ ಕವಟಿಮತ ಎಣಿದರು.

ನಗರದ ಪಭಾ ಪ್ರೌಢಕಾಲೆಯಲ್ಲಿ ಬೆಳಗಾವಿಯ ಕೆಲ್ಲಾ ಸಂಸ್ಕೃತಿಯ ದಾ ಪ್ರಭಾಕರ ಕೋರೆ ಆಸ್ತ್ರೇ ಕಾಗೂ ನಿರಾಳ ಘೋಂಡೇರನ ಸದಯೋಗದಲ್ಲಿ ನಡೆದ ಉಚಿತ ಆರೋಗ್ಯ ಶಿಬಿರ ಉದ್ಘಾಟನೆ ಮಾತನಾಡಿದ ಅವರು, ಇಂತಹ ಉಚಿತ ಶಿಬಿರಗಳನ್ನು ಮಾಡುವುದರಿಂದ ಸಮಾಜದ ಕಟ್ಟಕಡೆಯ ಚಕ್ಕಿಗೂ ಸಹ ಆರೋಗ್ಯದ ಲಾಭ ದೊರೆಯುತ್ತದೆ. ಆದನ್ನು ಇಲ್ಲಿ ನಿರಾಳ ಘೋಂಡೇರನದವರು ಮಾಡುತ್ತಿದ್ದಾರೆ ಎಂದರು.

ಈ ಭಾಗದ ಜನತೆಯ ಆರೋಗ್ಯದ ಕಾಳಜಿಯಿಂದ ನಿರಾಳ ಘೋಂಡೇರನದವರು ಕಳೆದ ಬಾರಿ ಸುಮಾರು 10



ಪಟ್ಟಿಗಳಲ್ಲಿ ನಡೆದ ಉಚಿತ ಆರೋಗ್ಯ ಶಿಬಿರದಲ್ಲಿ ವಿವಸದಸ್ಯ ಮಹಾಂತೇಶ ಕವಟಿಮತ ಮಾತನಾಡಿದರು.

ಸಾಮಿರಕ್ಕು ಹೆಚ್ಚು ಜನರ ಆರೋಗ್ಯ ತಪಾಸಣೆಯನ್ನು ಮಾಡಿದ್ದ ರಾಜ್ಯಪ್ರಿಯ. ಇದು ಮುಂದುವರೆದಂತೆ ಸಾಮಿರಾರು ಜನರಿಗೆ ಶಸ್ತ್ರ ಚಿಕಿತ್ಸೆಯನ್ನು ಮಾಡಿಸಿದ್ದಾರೆ ಎಂದರು.

ಮಾಡಿ ಸಹಿತ ಮುರಗೀಕ ನಿರಾಳ ಮಾತನಾಡಿ, ನಿರಾಳ ಘೋಂಡೇರನದವರು ಎಂದು ಯಾರಿಗೂ ಅಂತರವಾಗಿ ನಡೆದುಕೊಂಡಿಲ್ಲ. ಇಲ್ಲಿ ಎಲ್ಲಿಯೂ ಸಹ ಅಕ್ರಮವಾಗಲೀ, ಅಮಾನವೀಯವಾಗಲೀ ನಡೆದುಕೊಂಡಿಲ್ಲ. ಇತ್ತೀಚಿಗೆ ಹಿರಿಯರೊಬ್ಬರು

ಅಪಾದಿಸಿದ್ದ ಸರಿಯಾದ ಕ್ರಮವಲ್ಲ. ಇನ್ನೊಮ್ಮೆ ನಿರಾಳ ಘೋಂಡೇರನಕ್ಕೆ ಮನಿ ಬಳಿಯುವ ಕೆಲಸ ಮಾಡಿದರೆ ಅದರ ಪರಿಣಾಮ ಸಂಪ್ರಗ್ರಹಿತವಾಗಿಲ್ಲ. ಎಂದು ಎಚ್ಚರಿಸಿದರು.

ಕೇವಲ್ ಇ ಆಸ್ತ್ರೇ ಪ್ರೇರ್ಪ್ರಕ್ರಿಯ ಅಧಿಕ್ಷಕ್ತ ಡಾ. ಆರ್. ಎಸ್. ಮುಖೇಶ್, ಪಾರ್ಶ್ವಾಯ್ದ ಡಾ. ಎನ್. ಎಸ್. ಮಹಾತೆಚ್ಚಿ, ಕಾಡು ಮಾಳ, ಮುತ್ತಿನಕಂತೇ ಮತದ ಶಿವಲಿಂಗ ಶ್ರೀಗಂಧಿ, ಶಿವಾನಂದಗೌಡ ಪಾಟೀಲ, ಸುಮಿದೇವ ಶರ್ಮಾ, ಸುರೇಶಗೌಡ ಇವರು.

Ref: TBL 03/KSPCB-ES/2025-26/71

OC  
**TRUALT BIOENERGY LIMITED**

(FORMERLY KNOWN AS TRUALT ENERGY LIMITED)

080 - 23255000 | 23255600

contact@trualtbioenergy.com

www.trualtbioenergy.com

GSTIN - 29AAICT5347A1ZB

Date: 00.09.2025

Reg. No: U44100KA2014PLC045978

To,  
The Environmental Officer,  
Regional Bagalkot,  
Karnataka State Pollution Control Board,  
Sector No. -07, By-Pass Road,  
Navanagar- BAGALKOT-587102

**Sub:** Submission of Environmental statement for the year 2024-25 --- reg.

Dear Sir,

This has refer to above cited subject, we are herewith submitting the Environmental statement (Form -V) for the period of April 2024 to March 2025 & for the financial year ending with March 2025.

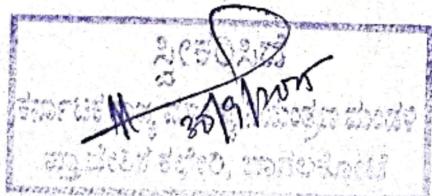
Kindly acknowledge the receipt of the same.

Thanking you,

Yours faithfully,  
For TruAlt Bioenergy Ltd. Unit – 03.



Authorised Signatory,

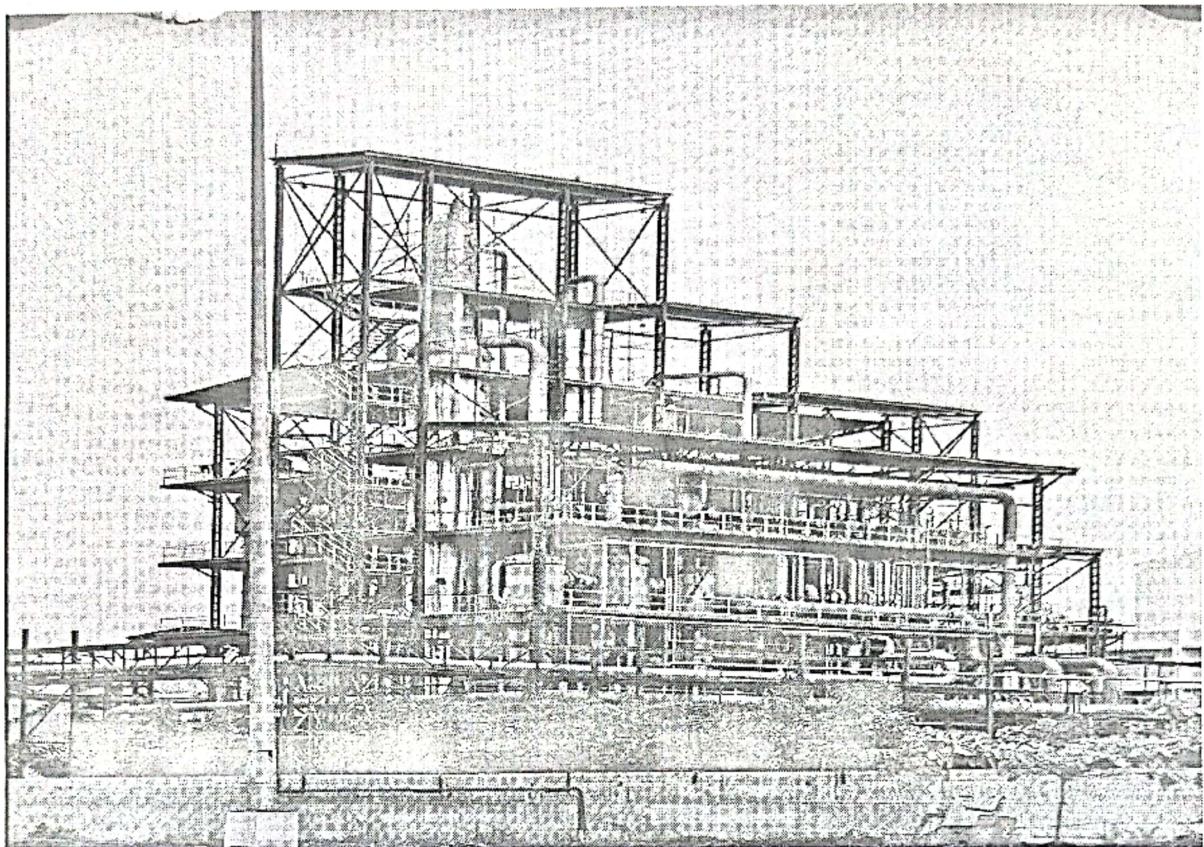


TruAlt Bioenergy Ltd. Unit – 03

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Registered Office :  
Survey No. 166, Kulali Cross, Jamkhandi  
Mudhol Road, Bagalkot, Karnataka - 587313, India

Corporate Office :  
#S-904 /A, 9th Floor, World Trade Center, Brigade Gateway Campus,  
#26/1, Dr Rajkumar Road, Malleswaram West, Bengaluru - 560 055



**ENVIRONMENTAL AUDIT STATEMENT**

**SUBMITTED**

**TO**

**KARNATAKA STATE POLLUTION CONTROL BOARD  
REGIONAL OFFICE, BAGALKOT.**

**BY**

**TruAlt Bioenergy LIMITED Unit - 03**

**KALLAPUR SK, TALUKA -BADAMI, DIST-BAGALKOT  
KARNATAKA.**



**TruAlt Bioenergy Ltd. Unit - 03**

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## ENVIRONMENTAL AUDITING

Environmental auditing is a management tool to objectively and systematically evaluate environment management systems with the following objectives:

- i) Waste prevention and reduction.
- ii) Assessing compliance with regulatory requirements.
- iii) Placing environmental information in the public domain.

Compliance with the regulatory norms, through adoption of clean technologies and improvement in management practices for prevention and control of pollution is not only mandatory but also has got wide acceptance among the industrial community. Charter on Corporate Responsibility for Environmental Protection (CREP) also calls for commitment and voluntary initiatives of industry for responsible care of the environment, which will help in building a partnership for pollution control.

In view of the fact that the enforcement agencies are many times not equipped fully in terms of man power & other infrastructure to identify violation of Pollution Control norms by Industries and since there is every likelihood that the enforcement agencies may monitor only limited number of industries spread over in different areas in the entire state, the Government intends to introduce a new scheme by the name "Environmental Auditing Scheme". In this scheme, technically qualified professionals (Auditors) become link between Industries, enforcement agencies and Association of Industries, with added vital elements of Accountability and Transparency.



## ENVIRONMENTAL AUDIT STATEMENT FOR THE FINANCIAL YEAR 2024-25

### OBJECTIVES:

The environmental audit helps in pollution control, improved safety and health & conservation of natural resources and hence its overall objective can be stated as achieving of sustainable development.

**The objectives of environmental audit in an industry are:**

1. To determine the mass balance of various materials used and the performance of various process equipment so as to identify the usage of materials in excess than required and to review the conservation efficiencies of process equipment and accordingly fix up norms for equipment / operations performance and minimization of wastes.
2. To identify the areas of water usage, waste water generation and determine the characteristics of wastewater.
3. To determine the emissions, their sources, quantities and characteristics.
4. To determine the solid waste and hazardous waste generated, their sources, their quantities and characteristics.
5. To identify the possibilities of waste minimization and recovery and recycling of waste.
6. To determine the performances of the existing waste water treatment / control.
7. To consider system to modify or install additional control equipment accordingly.
8. To adopt 4R concept: Reduce-Reuse-Recycle-Recover.



TruAlt Bioenergy Ltd. Unit – 03

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## ENVIRONMENTAL AUDIT STATEMENT FOR THE FINANCIAL YEAR 2024-25

### ABOUT THE INDUSTRY:

TruAlt Bioenergy LIMITED Unit- 03 located at Kallapur SK village, Badami -Taluka, Bagalkot - District— 587155. The distillery having capacity is 8 MW Captive Power Plant & 400 KLPD with incineration Boiler of 52 TPH steam flow capacity and the same were commissioned in the September 2021.

SI. No.	Name of the Unit	Capacity
1	Captive Power Plant	08 MW
2	Distillery	400 KLPD

This unit is engaged in the production of Sugar as per the customer needs. This unit located in the area comprising of agricultural fields. The area has good facilities for setting up and running industries. General topography of the region is a flat and undulating terrain. The area is dry with black cotton soil and also some area sandy loam and the ambient temperature varies between 28 - 43 °C.

SI. No.	Description	Area
1	Total Area of the Factory	12.26 Acres
2	Built-up Area including Roads & cane yard	07.94 Acres
3	Existing green belt	4.32 Acres



**FORM - V**

**Environmental Statement for the financial year ending 31.03.2025**

*(From April -2024 to March -2025)*

**PART- A**

**General Information:**

1. Name of the Industry : **TruAlt Bioenergy Ltd Unit-03,**  
Kallapur SK, Taluk - Badami,  
Dist – Bagalkot, PIN: 587155, Karnataka.
2. Applicant Name: **PRAKASH M. SUTAR**  
Dept. General Manager-EHS
3. E-mail Address: [mrn.environment@niranigroups.com](mailto:mrn.environment@niranigroups.com)
4. Products Manufactured: RS/ENA/IS/Ethanol
5. Year of Commissioning: Distillery – September 2021.
6. Operation During the period of Audit:
  - a. Working days per year: Distillery – 236 Days
  - b. Working days per week : 7 Days
  - c. No. of shifts : 3 Shifts
7. No. of Employees : During Season – 100  
During Off Season – 40



TruAlt Bioenergy Ltd. Unit – 03

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ENVIRONMENTAL AUDIT STATEMENT FOR THE FINANCIAL YEAR 2024-25

**PART- B**

**1. FRESH WATER CONSUMPTION (2024 - 2025 SEASON)**

**Fresh Water Consumption in KL/Year**

- a. Process : 387000 KL
- b. Industrial Cooling : 19355 KL
- c. Domestic Purpose : 5300 KL

Sl. No.	Operation/Particulars	Current Financial Year 2024- 25 (KL)
1	Domestic	5300
2	Process	387000
3	Cooling	19355
4	Others (Fire Fighting)	0
<b>Total</b>		<b>411655</b>

Sl. No.	Description	Recycled to	2024-25 (KL/Year)
1	Boiler Blow Down	Co-gen Cooling Tower	16522
2	Co-gen Cooling Blow Down	Sugar Service Water Tank	25960
3	Hot Water Recycling	Sugar/Co-gen Cooling Tower	21760
4	Process Condensate & Spent Lees	Distillery Cooling Tower make-up & for Fermentation Process	200986
5	Cooling Tower Purge	Distillery Cooling Tower make-up	105546
<b>Total</b>			<b>371774</b>



TruAlt Bioenergy Ltd. Unit – 03

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**2. Recycle and Reuse:**

**a. Waste prevention and reductions:**

The industry has adopted water conservation measures for the optimal use of water. The industry has adopted recycling of Boiler blow down and cooling tower blow down since commencement of the distillery plant. The total recycled water quantity was **371774 KLD** in 2024-25 season.

**b. Compliance with regulatory requirements:**

During 2024-25 season, the industry has operated the Distillery for 236 days. The fresh water consumption was 1744 KL/Day during 2024-25 season. However, the water consumption is well within the consent limit.

**c. Waste prevention and reduction:**

The sewage water from toilets & urinals is discharged in to the septic tank followed by soak pit. The boiler blow down is reused to the co-gen cooling tower after treatment. The cooling tower blow down water is reused to the make-up water tank after treatment. The regeneration and backwash water of PCTP is used for green belt development. The process condensate & spent lees is recycled to fermentation process and also for cooling tower as make- up water. Spent wash used in boiler as fuel.

**d. Compliance with regulatory requirements:**

The treated water from PCTP is reused and recycled for fermentation process & for cooling tower make up along with manufacturing process.



TruAlt Bioenergy Ltd. Unit – 03

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ENVIRONMENTAL AUDIT STATEMENT FOR THE FINANCIAL YEAR 2024-25

3. DETAILS OF RAW MATERIAL CONSUMPTION AND PRODUCTS:

SI. No.	NAME OF THE MATERIAL	UTILIZATION	<i>Consumption of Raw Materials in the current FY 2024-25</i>
1.	Molasses	Distillery	111483.880 MT
2.	Cane Syrup	Distillery	98593.00 MT
3.	Sodium Meta Bi Sulphite	Distillery	6426.50 Kgs.
4.	Yeast	Distillery	31536.00 Kgs.
5.	CWR Plus	Distillery	2531.00 Kgs.
6.	CWR Pro	Distillery	0.00 Kgs.
7.	Neutriozime	Distillery	7288.00 Kgs,
8.	DAP	Distillery	52628.800 Kgs.
9.	TRO	Distillery	16600.00 Kgs.
10.	Zinc Sulphate	Distillery	6571.00 Kgs.
11.	MgSO4	Distillery	8597.00 Kgs.
12.	Biocide	Distillery	0.00 Kgs.
13.	Caustic Soda Flakes	Distillery	137350.00 Kgs.
14.	Bleaching Powder	Distillery	1780.00 Kgs.

PRODUCT DETAILS		
SI. No.	Particulars	Quantity
1	Ethanol from Molasses	15719147 Lit.
2	Ethanol from Cane Syrup	29876026 Lit.
3	ENA	15300000 Lit.
4	RS	1184637 Lit.
5	IS	2222847 Lit.

1. Waste prevention and reductions:

The industry has adopted conservation measures for the optimal use of resources.

2. Compliance with regulatory requirements.

The RS/ENA/Ethanol production capacity was at an average 291.31 KLD. This complies with the consent of 400 KLPD of Distillery.



TruAlt Bioenergy Ltd. Unit – 03

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## PART – C

## POLLUTANTS DISCHARGED TO ENVIRONMENT / UNIT OF OUTPUT

(Parameters as specified in the consent issued)

Pollutants	Quantity of Pollutants discharged in mass/day	Concentration of Pollutants in discharges (mass/volume)	Percentage of variation to prescribed standards with reasons
<b>1. Waste Water:</b>	Attached as Annexure -I		All the parameters are within the limits as specified by KSPCB.
<b>2. Air:</b> a. Ambient Air Quality b. Stack Monitoring	Attached as Annexure -II		All the Ambient & Stack parameters are within the limits as specified by KSPCB.
<b>3. Noise:</b>	Attached as Annexure-III		Noise level is within the limit as specified by KSPCB.

## i) Waste prevention and reduction:

The industry has adopted Air Pollution controlling measures for the minimization of air pollution from the incineration Boiler. An Electro Static Precipitator (ESP) is equipped to control the air pollution. The Ambient Air Quality and Stack Emissions are well within the limits prescribed by KSPCB.



TruAlt Bioenergy Ltd. Unit – 03

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## ENVIRONMENTAL AUDIT STATEMENT FOR THE FINANCIAL YEAR 2024-25

### ii) Compliance with regulatory requirements:

Both chimney of height 85 meter along with ESP along with acoustic control measures have been adopted for incineration boiler 52 TPH. The stack monitoring reports are well within the standards as laid down by the Board.

## PART-D

### HAZARDOUS WASTES

*(As specified under the Hazardous Waste / Management and Handling Rules, 2008)*

Hazardous / Non-Hazardous Wastes	Total Quantity
	Current Financial Year 2024-25 MT
a. From Process	
1. Spent Oil	0.140
2. Cotton Waste	0.175
3. Waste Containers	0.150
b. From Pollution Control Facilities	
Boiler Ash (Non-Hazardous Waste)	4898.00 MT

### i) Waste prevention and reduction:

The industry has adopted safety measures for handling the hazardous wastes. Wastes are stored in MS containers and stored in the separate yard. The collected waste oil is reused as lubricant in track Chain carriers / bagasse conveyors / elevators etc inside the factory premises.

### ii) Compliance with regulatory requirements:

The waste oil from the DG is not exceeding the consent limits and also waste oil residue. The industry is complying with the hazardous waste (Management and handling) Rules 2008 as amended in 2010.

## PART-E



TruAlt Bioenergy Ltd. Unit – 03

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**ENVIRONMENTAL AUDIT STATEMENT FOR THE FINANCIAL YEAR 2024-25**

**SOLID WASTES**

Particulars	Total Quantity in MT
	Current Financial Year 2024-25
<b>a) From Process</b>	
1. Spent Wash	416496 MT
<b>b) From Pollution Control Facilities</b>	
1. Boiler Ash	4898.00MT
<b>c) Quantity Recycled or Reutilize</b>	1. Spent wash is used as fuel in incineration Boiler. 2. The Boiler ash is sold to brick manufacturers.

**I. Waste prevention and reduction.**

The industry has adopted solid waste management practices for proper tracking and managing the wastes in order to recover the energy. The Spent wash is used as a fuel in boiler and ash is sold to brick manufacturer & for manure.

**II. Compliance with regulatory requirements.**

The industry is managing the solid waste like ash from boilers in a manner such that it is not causing any pollution.

**PART- F**

Please specify characterization (in terms of composition and quantum) of hazardous as well as solid waste indicates disposal practice adopted for both these categories of wastes:

Nature of Wastes	Quantity/Year MT	Mode of Disposal
<b>a) Hazardous Wastes</b>		
1. Spent Oil	0.140	Collected in MS/HDPE barrels and used as lubricant in the track chain conveyors/ bagasse conveyors/ elevators, etc.. Inside the factory premises.
2. Cotton Waste	0.175	Used as fuel in Boiler
3. Waste Containers	0.150	Cleaned & reused
<b>b. Solid Wastes</b>		



TruAlt Bioenergy Ltd. Unit – 03

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## ENVIRONMENTAL AUDIT STATEMENT FOR THE FINANCIAL YEAR 2024-25

1. Boiler Ash	4898.00 MT	Sold to brick manufacturers
2. Spent wash	416496 KL	Used as fuel in the Boiler.

### PART- G

#### **Impact of the pollution control measures on conservation of natural resources and consequently on the cost of production:**

1. For Chemicals in Effluent Treatment Plant.
2. The treated effluent is used to develop green belt and planted trees and also for gardening in the factory premises.

### PART- H

#### **Additional investment proposal for environmental protection including abatement of pollution:**

1. Industry has developed the green belt area of about 4.38 acre.
2. Good housekeeping is being maintained in the factory premises.
3. The industry has implemented a recycling treatment unit to recycle the vapor condensate to process and cooling tower make-up purposes.
4. Water spraying on the main roads to avoid the dust pollution occurring due to cane vehicles during the season.
5. Online Air monitoring unit and online effluent treated water monitoring equipment are provided for close monitoring.

### PART - I

#### ***Any other particulars for improving the quality of the environment:***

The industrial management adopted pollution control measures for protecting surrounding environment. The concentration of pollutants is well within the limits as prescribed by the KSPCB.

- a. An Environmental Cell / Committee have been formed.
- b. The factory has a full-fledged PCTP/CPU to treat condensate & lees.
- c. Industry having well equipped Laboratory for carrying out water and wastewater Analysis.
- d. Environmental protection and pollution control has been the priority for the industry.
- e. Reuse of backwash water for firefighting and as well as in the sugar



ENVIRONMENTAL AUDIT STATEMENT FOR THE FINANCIAL YEAR 2024-25

unit to reduce the fresh water consumption.

- f. Reuse of process condensate & lees water after treatment as for process along with cooling tower tower makes up to reduce the fresh water consumption.
- g. Spraying of water on bagasse to arrest fugitive emissions.

For TruAlt Bioenergy Limited Unit -03

JKW

Authorized Signatory,



Format No: NTLR/7.8/F/04-C/09

Page 1 of 1

## TEST REPORT

**Name of Customer and Address:**

TRUALT BIOENERGY LIMITED,  
Unit-III, 47/1, 47/2, 48, 72, 73, 74,  
Kallapur S K, Kanapur S K,  
Bagakot-587155.

**Customer Reference:**

PO NO : 7200000055

Date : 30-11-2024

**Sampling Location:**

Near Main Gate

**Sample Description:**

PM<sub>10</sub> & PM<sub>2.5</sub> Filter Papers, SO<sub>2</sub> & NO<sub>2</sub> Solutions

**Report Number:**

NTLR/MAR/2025-26/162

**Sample Number:**

NTLR/MAR/2025-26/162

**Type of Sample:**

AIR – AMBIENT

**Discipline :**

Chemical

**Group:**

Atmospheric Pollution

**Sample Collected by:**

Nichrome Testing Laboratory

**Particulars of Sample Collected:**

and Research Private Limited

**Environmental Condition:**

Respirable Dust Sampler

**Date of Collection:**

Fine Particulate Sampler

**Date of Sample Receipt:**

30° C

**Date of Analysis Started:**

19/03/2025

**Date of Completion:**

19/03/2025

**Date of Report:**

20/03/2025

**Wind Direction:**

22/03/2025

**Specification Standard:**

22/03/2025

South East

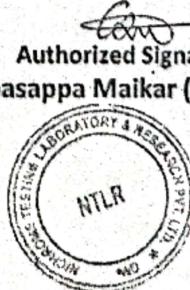
NAAQ

## RESULTS

SL.NO	PARAMETERS	UNIT	SAMPLING METHOD	TEST METHOD	RESULT	STANDARDS
1	PM <sub>10</sub>	µg/m <sup>3</sup>	IS 5182(Part-23)	IS 5182(Part-23)	61.9	100
2	PM <sub>2.5</sub>	µg/m <sup>3</sup>	IS 5182 (Part-24)	IS 5182(Part-24)	26.7	60
3	Sulphur di Oxide	µg/m <sup>3</sup>	IS 5182(Part-2)	IS 5182(Part-2)	5.79	80
4	Oxides of Nitrogen	µg/m <sup>3</sup>	IS 5182(Part-6)	IS 5182(Part-6)	11.1	80

Inference as per NAAQ Standards

Above tested parameters are conforming to standards.



Authorized Signatory  
Channabasappa Maikar (Chemical)

-END OF REPORT-

**Note:**

1. The results listed above pertain only to the tested samples and applicable parameters. 2. Samples which are degradable/unstable will be disposed immediately after testing and others will be disposed after 15 days from the date of issue of test report unless otherwise specified. 3. Total liability of our laboratory is limited to the invoiced amount. 4. This report is not to be reproduced either wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without prior written permission. 5. If any disputes subject to Dharwad jurisdiction. 6. When laboratory is required by law/contractual agreements to release confidential information, the customer shall be informed in writing.



CIN: U74900KA2013PTC069193

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 GOVERNMENT AND PRIVATE AGENCIES

**NICHROME TESTING LABORATORY  
 AND RESEARCH PRIVATE LIMITED**

170, 2nd MAIN JUDGES BUNGALOW ROAD, NARAYANPUR  
 DHARWAD, KARNATAKA, INDIA PIN: 580 008  
 PH: 0836-2771115, 2778521

email: nicechem@gmail.com, website: nichromelabs.com

TESTING / CONSULTING / ENGINEERING / TRAINING

Format No: NTLR/7.8/F/04-C/09

Page 1 of 1

**TEST REPORT**

**Name of Customer and Address:**  
**TRUALT BIOENERGY LIMITED,**  
**Unit-III, 47/1, 47/2, 48, 72, 73, 74,**  
**Kallapur S K, Kanapur S K,**  
**Bagakot-587155.**

**Customer Reference:**  
 PO NO : 7200000055  
 Date : 30-11-2024

**Sampling Location:**  
 Near Distillery

**Sample Description:**  
 PM<sub>10</sub> & PM<sub>2.5</sub> Filter Papers, SO<sub>2</sub> & NO<sub>2</sub> Solutions

**Report Number:** NTLR/MAR/2025-26/163  
**Sample Number:** NTLR/MAR/2025-26/163  
**Type of Sample:** AIR – AMBIENT  
**Discipline :** Chemical  
**Group:** Atmospheric Pollution  
**Sample Collected by:** Nichrome Testing Laboratory and Research Private Limited  
**Particulars of Sample Collected:** Respirable Dust Sampler  
 Fine Particulate Sampler  
**Environmental Condition:** 30° C  
**Date of Collection:** 19/03/2025  
**Date of Sample Receipt:** 19/03/2025  
**Date of Analysis Started:** 20/03/2025  
**Date of Completion:** 22/03/2025  
**Date of Report:** 22/03/2025  
**Wind Direction:** South East  
**Specification Standard:** NAAQ

**RESULTS**

SL.NO	PARAMETERS	UNIT	SAMPLING METHOD	TEST METHOD	RESULT	STANDARDS
1	PM <sub>10</sub>	µg/m <sup>3</sup>	IS 5182(Part-23)	IS 5182(Part-23)	70.2	100
2	PM <sub>2.5</sub>	µg/m <sup>3</sup>	IS 5182 (Part-24)	IS 5182(Part-24)	24.3	60
3	Sulphur di Oxide	µg/m <sup>3</sup>	IS 5182(Part-2)	IS 5182(Part-2)	5.13	80
4	Oxides of Nitrogen	µg/m <sup>3</sup>	IS 5182(Part-6)	IS 5182(Part-6)	10.4	80

Inference as per NAAQ Standards	Above tested parameters are conforming to standards.
---------------------------------	--



-END OF REPORT:-

**Note:**

1. The results listed above pertain only to the tested samples and applicable parameters. 2. Samples which are degradable/unstable will be disposed immediately after testing and others will be disposed after 15 days from the date of issue of test report unless otherwise specified. 3. Total liability of our laboratory is limited to the Invoiced amount. 4. This report is not to be reproduced either wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without prior written permission. 5. If any disputes subject to Dharwad Jurisdiction. 6. When laboratory is required by law/contractual agreements to release confidential information, the customer shall be informed unless prohibited by law.

Authorized Signatory  
**Channabasappa Maikar (Chemical)**



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Page 1 of 1

## TEST REPORT

**Name of Customer and Address:**  
TRUALT BIOENERGY LIMITED,  
Unit-III, 47/1, 47/2, 48, 72, 73, 74,  
Kallapur S K, Kanapur S K,  
Bagakot-587155.

**Customer Reference:**  
PO NO : 7200000055  
Date : 30-11-2024

**Sampling Location:**  
Near Fermentation

**Sample Description:**  
PM<sub>10</sub> & PM<sub>2.5</sub> Filter Papers, SO<sub>2</sub> & NO<sub>2</sub> Solutions

**Report Number:** NTLR/MAR/2025-26/164  
**Sample Number:** NTLR/MAR/2025-26/164  
**Type of Sample:** AIR – AMBIENT  
**Discipline :** Chemical  
**Group:** Atmospheric Pollution  
**Sample Collected by:** Nichrome Testing Laboratory and Research Private Limited  
**Particulars of Sample Collected:** Respirable Dust Sampler, Fine Particulate Sampler  
**Environmental Condition:** 30° C  
**Date of Collection:** 19/03/2025  
**Date of Sample Receipt:** 19/03/2025  
**Date of Analysis Started:** 20/03/2025  
**Date of Completion:** 22/03/2025  
**Date of Report:** 22/03/2025  
**Wind Direction:** South East  
**Specification Standard:** NAAQ.

## RESULTS

SLNO	PARAMETERS	UNIT	SAMPLING METHOD	TEST METHOD	RESULT	STANDARDS
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	IS 5182(Part-23)	IS 5182(Part-23)	57.9	100
2	PM <sub>2.5</sub>	µg/m <sup>3</sup>	IS 5182 (Part-24)	IS 5182(Part-24)	21.4	60
3	Sulphur di Oxide	µg/m <sup>3</sup>	IS 5182(Part-2)	IS 5182(Part-2)	4.40	80
4	Oxides of Nitrogen	µg/m <sup>3</sup>	IS 5182(Part-6)	IS 5182(Part-6)	9.72	80

Inference as per NAAQ Standards	Above tested parameters are conforming to standards.
---------------------------------	--

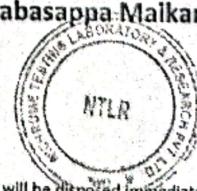


-END OF REPORT-

**Note:**

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Authorized Signatory  
Channabasappa Malikar (Chemical)



Format No: NTLR/7.8/F/03-C/09

## TEST REPORT

### Name of Customer and Address:

TRUALT BIOENERGY LIMITED,  
Unit-III, 47/1, 47/2, 48, 72, 73, 74,  
Kallapur S K, Kanapur S K,  
Bagakot-587155.

### Customer Reference:

PO NO : 7200000055  
Date : 30-11-2024

### Sampling Location:

52 TPH Boiler

### Sample Description:

Thimble, SO<sub>2</sub> & NO<sub>2</sub> Solution

Report Number:

NTLR/MAR/2025-26/165

Sample Number:

NTLR/MAR/2025-26/165

Type of Sample:

STACK

Discipline :

Chemical

Group:

Atmospheric Pollution

Sample Collected by:

Nichrome Testing Laboratory and

Research Private Limited

Particulars of Sample Collected:

Stack Sampler & Flue Gas Analyzer

Environmental Condition:

30° C

Date of Collection:

19/03/2025

Date of Sample Receipt:

19/03/2025

Date of Analysis Started:

20/03/2025

Date of Completion:

22/03/2025

Date of Report:

22/03/2025

Sample Condition:

Satisfactory

Specification Standard:

KSPCB

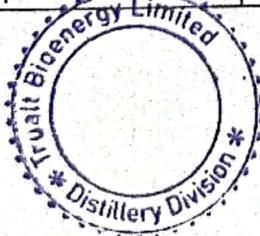
### GENERAL DETAILS

Fuel Used	Thick Spent Wash+Bagasse
Height (m)	85
Diameter (m)	2.15
Stack Temperature °C	135
Ambient Temperature °C	30
Flue Gas Velocity (m/sec.)	9.33
Cross Sectional Area(m <sup>2</sup> )	3.7312
Quantity of flue gas discharged into atmosphere(Nm <sup>3</sup> /h)	93957.2

### RESULTS

SL.NO	PARAMETERS	UNIT	SAMPLING METHOD	TEST METHOD	RESULT	STANDARDS
1	Particulate Matter	mg/Nm <sup>3</sup>	IS 11255 (Part 1)	IS 11255 (Part 1)	122.4	150
2	Sulphur dioxide	mg/Nm <sup>3</sup>	IS 11255 (Part 2)	IS 11255 (Part 2)	10.2	Not Specified
3	Oxides of Nitrogen	mg/Nm <sup>3</sup>	IS 11255 (Part 7)	IS 11255 (Part 7)	35.4	Not Specified

Inference as per KSPCB Standards	Above tested parameters are conforming to standards.
----------------------------------	--



-END OF REPORT-



Authorized Signatory  
Channabasappa Maikar (Chemical)

### Note:

1. The results listed above pertain only to the tested samples and applicable parameters. 2. Samples which are degradable/unstable will be disposed immediately after testing and others will be disposed after 15 days from the date of issue of test report unless otherwise specified. 3. Total liability of our laboratory is limited to the invoiced amount. 4. This report is not to be reproduced either wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without prior written permission. 5. If any disputes arise, the jurisdiction will be Dharwad. 6. When laboratory is required by law/contractual agreements to release confidential information, the customer shall be informed.

Format No: NTLR/7.8/F/04-C/09

Page 1 of 1

## TEST REPORT

**Name of Customer and Address:**  
TRUALT BIOENERGY LIMITED,  
Unit-III, 47/1, 47/2, 48, 72, 73, 74,  
Kallapur S K, Kanapur S K,  
Bagakot-587155.

**Customer Reference:**  
PO NO : 7200000055  
Date : 30-11-2024

**Sample Description:**  
Noise Data

Report Number: NTLR/MAR/2025-26/166 To167  
Sample Number: NTLR/MAR/2025-26/166 To167  
Type of Sample: AMBIENT NOISE (DAY)  
Discipline : Chemical  
Group: Atmospheric Pollution  
Sample Collected by: Nichrome Testing Laboratory and  
Research Private Limited  
Sampling Method: IS 9989: 2014  
Particulars of Sample Collected: Noise Level Meter  
Environmental Condition: 30° C  
Sampling From: Date: 19/03/2025  
Sampling Till: Date: 19/03/2025  
Date of Sample Receipt: 19/03/2025  
Date of Report: 20/03/2025  
Specification Standard: KSPCB Standards

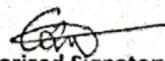
## RESULTS

S.No	Sampling Location	Sample Code	Time Frequency	Results (Day Time)			
				Maximum in dB (A) Leq	Minimum in dB (A) Leq	Leq in dB (A)	Permissible Limits in dB (A) Leq
1	Near Main Gate	166	10:00 am To 10:15 am	76.2	65.5	72.9	75 (06:00 am To 10:00 pm )
2	Near Process Area	167	10:20 am To 10:35 am	71.4	64.5	69.2	

Inference as per KSPCB Standards	Above tested parameter is conforming to standards.
----------------------------------	--



-END OF REPORT:-

  
Authorized Signatory  
Channabasappa Maikar (Chemical)



**Note:**

1. The results listed above pertain only to the tested samples and applicable parameters. 2. Samples which are degradable/unstable will be disposed immediately after testing and others will be disposed after 15 days from the date of issue of test report unless otherwise specified. 3. Total liability of our laboratory is limited to the Invoiced amount. 4. This report is not to be reproduced either wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without prior written permission. 5. If any disputes Subject to Dharwad Jurisdiction. 6. When Laboratory is required by law/contractual agreements to release confidential information, the customer shall be informed unless prohibited by law. 7. Sampling is not done

Format No: NTLR/7.8/F/04-C/09

Page 1 of 1

## TEST REPORT

**Name of Customer and Address:**

TRUALT BIOENERGY LIMITED,  
Unit-III, 47/1, 47/2, 48, 72, 73, 74,  
Kallapur S K, Kanapur S K,  
Bagakot-587155.

**Customer Reference:**

PO NO : 7200000055  
Date : 30-11-2024

**Sample Description:**

Noise Data

Report Number: NTLR/MAR/2025-26/168 To169  
Sample Number: NTLR/MAR/2025-26/168 To169  
Type of Sample: AMBIENT NOISE (NIGHT)  
Discipline : Chemical  
Group: Atmospheric Pollution  
Sample Collected by: Nichrome Testing Laboratory and  
Research Private Limited  
Sampling Method: IS 9989: 2014  
Particulars of Sample Collected: Noise Level Meter  
Environmental Condition: 30° C  
Sampling From: Date: 19/03/2025  
Sampling Till: Date: 19/03/2025  
Date of Sample Receipt: 19/03/2025  
Date of Report: 20/03/2025  
Specification Standard: KSPCB Standards

## RESULTS

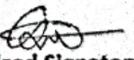
S.No	Sampling Location	Sample Code	Time Frequency	Results (Night Time)			
				Maximum in dB (A) Leq	Minimum in dB (A) Leq	Leq in dB (A)	Permissible Limits in dB (A) Leq
1	Near Main Gate	168	10:00 pm To 10:15 pm	68.7	60.2	65.2	70 (10:00 pm To 06:00 am)
2	Near Process Area	169	10:20 pm To 10:35 pm	63.4	58.5	60.7	

Inference as per KSPCB Standards

Above tested parameter is conforming to standards.



-:END OF REPORT:-

  
Authorized Signatory  
Channabasappa Maikar (Chemical)

**Note:**

1. The results listed above pertain only to the tested samples and applicable parameters. 2. Samples which are degradable/unstable will be disposed immediately after testing and others will be disposed after 15 days from the date of issue of test report unless otherwise specified. 3. Total liability of our laboratory is limited to the invoiced amount. 4. This report is not to be reproduced either wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without prior written permission. 5. If any disputes subject to Dharwad jurisdiction. 6. When laboratory is required by law/contractual agreements to release confidential information, the customer shall be informed unless prohibited by law.

DECCAN HERALD

DATED - 04th July 2023

## NOTE FOR COMPANY NAME CHANGE

We, MRN Cane Power (India) Limited, having accorded Environmental Clearance by MOEF & CC bearing no. File No. IA- J-11011/312/2021-IA-II (I), dated 27th June 2023 with our address at: Survey no. 72, Kallapur S.K Village, Kulageri Hobli Tal- Badami, Dist-Bagalkot, Karnataka, India, hereby give notice for changing the Company name

To:

TruAlt Bioenergy Limited Unit-III, any objection to this change should be sent in writing to us within (14) days from the publication of this notice. &

Same has uploaded on Parivesh portal Govt. of India along with company website.



PRATIKA MATA

೦೫ ಫೆಬ್ರುವರಿ ೨೦೨೫

## ಕಂಪನಿಯ ಹೆಸರು ಬದಲಾವಣೆಗೆ ಸೂಚನೆ

ನಾವು, MRN ಕೇನ್ ಪವರ್ (ಇಂಡಿಯಾ) ಲಿಮಿಟೆಡ್, MOEF ಮತ್ತು CC ಹೇರಿಂಗ್ ನಂ. ಮೂಲಕ ಪರಿಸರ ಅನುಮತಿಯನ್ನು ಪಡೆದಿದ್ದೇವೆ. ಹ್ಯೂಲ್ ಸಂಖ್ಯೆ IA-J-11011/312/2021-IA-II (I), ದಿನಾಂಕ 27ನೇ ಜೂನ್ 2023 ರಲ್ಲಿ ನಮ್ಮ ವಿಳಾಸ: ಸರ್ವೆ ನಂ. 72, ಕಲ್ಲಾಪುರ ಎಸ್.ಕೆ ಗ್ರಾಮ, ಕುಳಗೇರಿ ಹೋಬಳಿ ತಾ- ಬಾದಾಮಿ, ಜಿಲ್ಲೆ-ಬಾಗಲಕೋಟೆ, ಕರ್ನಾಟಕ, ಭಾರತ, ಈ ಮೂಲಕ ಕಂಪನಿಯ ಹೆಸರನ್ನು ಬದಲಾಯಿಸಲು ಸೂಚನೆ ನೀಡಿ.

ಇವರಿಗೆ:

**TruAlt Bioenergy Limited Unit-III**, ಈ ಬದಲಾವಣೆಗೆ ಯಾವುದೇ ಆಕ್ರೇಪಣೆಯನ್ನು ಈ ಸೂಚನೆಯ ಪ್ರಕಟಣೆಯಿಂದ (14) ದಿನಗಳ ಒಳಗೆ ನಮಗೆ ಲಿಖಿತವಾಗಿ ಕಳುಹಿಸಬೇಕು. ಈ ಜಾಹೀರಾತನ್ನು ಭಾರತ ಸರಕಾರದ ಪರಿಷೇಶ ಪೋಟ್‌ಲನಲ್ಲಿ ಅಪ್ ಲೋಡ್ ಮಾಡಲಾಗಿದೆ.



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## NICHROME TESTING LABORATORY AND RESEARCH PRIVATE LIMITED

170, 2nd MAIN JUDGES BUNGALOW ROAD, NARAYANPUR  
DHARWAD, KARNATAKA, INDIA PIN: 580 008  
PH: 0836-2771115, 2778521

email: nicechem@gmail.com, website: nichromelabs.com

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Page 1 of 1

## TEST REPORT

### Name of Customer and Address:

TRUALT BIOENERGY LIMITED,  
Unit-III, 47/1, 47/2, 48, 72, 73, 74,  
Kallapur S K, Kanapur S K,  
Bagakot-587155.

### Customer Reference:

PO NO : 7200000055

Date : 30-11-2024

### Sampling Location:

NA

### Sample Description:

1Ltr Pet Bottle & 300ml Sample

Report Number:

NTLR/MAR/2025-26/173

Sample Number:

NTLR/MAR/2025-26/173

Type of Sample:

PIZOMETER WATER-01

Discipline :

Chemical

Group:

Water

Sample Collected by:

Customer

Sampling Method:

-

Particulars of Sample Collected:

-

Environmental Condition:

30° C

Date of Collection:

19/03/2025

Date of Sample Receipt:

19/03/2025

Date of Analysis Started:

19/03/2025

Date of Completion:

22/03/2025

Date of Report:

22/03/2025

Sample Condition:

Satisfactory

Specification Standard:

NA

## RESULTS

SL.NO	PARAMETERS	UNITS	TEST METHOD	RESULT
<b>Physico-chemical Parameters</b>				
1	Colour, Max	Hazen Units	IS 3025 (Part-4)-a	BDL
2	Total dissolved solids (TDS)	mg/L	IS 3025 (Part-16)	1400.0
3	pH@ 25° C	-	IS 3025 (Part-11)	8.30
4	Total Alkalinity as CaCO <sub>3</sub>	mg/L	IS 3025 (Part-23)	342.6
5	Total hardness (TH) as CaCO <sub>3</sub>	mg/L	IS 3025 (Part-21)	400.0
6	Nitrate (as NO <sub>3</sub> )	mg/L	IS 3025 (Part 34)-b	18.8
7	Chloride (as Cl)	mg/L	IS 3025 (Part-32)Argentometric	199.9
8	Sulphate (as SO <sub>4</sub> )	mg/L	IS 3025 (24/sec1)	61.9
9	Calcium (as Ca)	mg/L	IS 3025 (Part-40)	96.1
10	Magnesium (as Mg)	mg/L	IS 3025 (Part-46)	38.9
11	Fluoride (as F)	mg/L	APHA 4500F D	0.22
12	Iron as Fe	mg/L	IS 3025 (Part-53)-a	0.13
13	Turbidity	NTU	IS 3025 (Part-10)	5.00

BDL- Below Detectable Limit (Color- 1Hazen units)

  
Authorized Signatory

Channabasappa Maikar (Chemical)

-: END OF REPORT:-



### Note:

1.The results listed above pertain only to the tested samples and applicable parameters. 2. Samples which are degradable/unstable will be disposed immediately after testing and others will be disposed after 15 days from the date of issue of test report unless otherwise specified. 3.Total liability of our laboratory is limited to the invoiced amount. 4.This report is not to be reproduced either wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without prior written permission. 5.If any disputes Subject to Dharwad Jurisdiction. 6.When Laboratory is required by law/contractual agreements to release confidential information, the customer shall be informed unless prohibited by law. 7. Sampling is not done by us unless otherwise specified. 8. Any discrepancy in the test report should be notified within 15 days. 9. For any Complaints kindly register in our Complaint Register maintained with



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## NICHROME TESTING LABORATORY AND RESEARCH PRIVATE LIMITED

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email: nicechem@gmail.com, website: nichromelabs.com

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Page 1 of 1

## TEST REPORT

### Name of Customer and Address:

TRUALT BIOENERGY LIMITED,  
Unit-III, 47/1, 47/2, 48, 72, 73, 74,  
Kallapur S K, Kanapur S K,  
Bagakot-587155.

### Customer Reference:

PO NO : 7200000055  
Date : 30-11-2024

### Sampling Location:

NA

### Sample Description:

1Ltr Pet Bottle & 300ml Sample

### Report Number:

NTLR/MAR/2025-26/174

### Sample Number:

NTLR/MAR/2025-26/174

### Type of Sample:

PIZOMETER WATER-02

### Discipline :

Chemical

### Group:

Water

Sample Collected by:

Customer

Sampling Method:

-

Particulars of Sample Collected:

-

Environmental Condition:

30° C

Date of Collection:

19/03/2025

Date of Sample Receipt:

19/03/2025

Date of Analysis Started:

19/03/2025

Date of Completion:

22/03/2025

Date of Report:

22/03/2025

Sample Condition:

Satisfactory

Specification Standard:

NA

## RESULTS

SL.NO	PARAMETERS	UNITS	TEST METHOD	RESULT
<b>Physico-chemical Parameters</b>				
1	Colour, Max	Hazen Units	IS 3025 (Part-4)-a	BDL
2	Total dissolved solids (TDS)	mg/L	IS 3025 (Part-16)	1470.0
3	pH@ 25° C	-	IS 3025 (Part-11)	8.30
4	Total Alkalinity as CaCO <sub>3</sub>	mg/L	IS 3025 (Part-23)	353.6
5	Total hardness (TH) as CaCO <sub>3</sub>	mg/L	IS 3025 (Part-21)	440.0
6	Nitrate (as NO <sub>3</sub> )	mg/L	IS 3025 (Part 34)-b	21.8
7	Chloride (as Cl)	mg/L	IS 3025 (Part-32)Argentometric	209.9
8	Sulphate (as SO <sub>4</sub> )	mg/L	IS 3025 (24/sec1)	63.3
9	Calcium (as Ca)	mg/L	IS 3025 (Part-40)	104.1
10	Magnesium (as Mg)	mg/L	IS 3025 (Part-46)	43.7
11	Fluoride (as F)	mg/L	APHA 4500F D	0.30
12	Iron as Fe	mg/L	IS 3025 (Part-53)-a	0.11
13	Turbidity	NTU	IS 3025 (Part-10)	4.00

BDL- Below Detectable Limit (Color- 1Hazen units)

  
Authorized Signatory

Channabasappa Maikar (Chemical)

-: END OF REPORT:-



### Note:

1.The results listed above pertain only to the tested samples and applicable parameters. 2. Samples which are degradable/unstable will be disposed immediately after testing and others will be disposed after 15 days from the date of issue of test report unless otherwise specified. 3.Total liability of our laboratory is limited to the invoiced amount. 4.This report is not to be reproduced either wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without prior written permission. 5.If any disputes Subject to Dharwad Jurisdiction. 6.When Laboratory is required by law/contractual agreements to release confidential information, the customer shall be informed unless prohibited by law. 7. Sampling is not done by us unless otherwise specified. 8. Any discrepancy in the test report should be notified within 15 days. 9. For any Complaints kindly register in our Complaint Register maintained with

### Annexure – VIII INTERNAL ROADS

