

Test Report

ANALYSIS REPORT FOR STACK SOURCE EMISSION

1. Stack ID : Boiler 195 TPH
2. Name of the Industry : M/s. Indian Cane Power Ltd.
Village Uttur, Taluk: Mudhol, District: Bagalkote.
3. Sample Collected by : M/s. Environmental Health and Safety Research &
Development Centre Unit II, Belagavi - 590015
4. Date of Collection : 12.01.2017
5. Particulars of Sample Collected : Emissions from stack collected through
Stack Sampler VSS1
6. Date of Sample Receipt : 16.01.2017
7. Sample Number : EHSRDCU2/ICPL/S/17/01/1632
8. Report to be Sent : 18.01.2017
9. Page No : 5 of 8

GENERAL DETAILS

Date of Monitoring	12.01.2017
Ambient Temperature (°C)	24
Stack Temperature (°C)	131
Velocity (m/s)	10.03
Diameter (m)	3.8
Cross Sectional Area in meter square (m ²)	11.335
Quantity of flue gas discharged into atmosphere (Nm ³ /h)	300769.00
Dust Emission Rate	12.831

RESULTS

Parameters	Protocol	Unit	Result	Standard
Particulate Matter	IS: 11255, (P1)	mg/Nm ³	42.66	150

INFERENCE	As per KSPCB Standards, Report Status: - The measured value for Particulate Matter is within the standard.
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End of Report

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Concern towards protecting Environment

Office Address: No. 457, Kanbargi Industrial Area, Autonagar, Belagavi - 590 015, Karnataka

ಕಛೇರಿ ವಿಳಾಸ: ನಂ. 457, ಕನಬರಗಿ ಕೈಗಾರಿಕಾ ನಗರ, ಆಟೋನಗರ, ಬೆಲಗಾವಿ - 590015, ಕರ್ನಾಟಕ

ಆಫಿಸ : ನಂ. 457, ಕನಬರಗಿ ಇಂಡಸ್ಟ್ರಿಯಲ್ ಏರಿಯಾ, ಆಟೋನಗರ, ಬೆಲಗಾವಿ - 590015, ಕರ್ನಾಟಕ

See NOTE overleaf

Test Report

ANALYSIS REPORT OF AMBIENT AIR QUALITY

1. Name of the Station : Near Main Gate
2. Name of the Project : M/s. Indian Cane Power Ltd.
Village Uttur, Taluk: Mudhol, District: Bagalkote.
3. Sample Collected by : M/s. Environmental Health and Safety Research &
Development Centre Unit II, Belagavi - 590015.
4. Date of Collection : 22.01.2017
5. Particulars of Sample Collected : Ambient Air collected through
Fine Particulate Sampler - APM 550
Respirable Dust Sampler - 460NL
6. Date of Sample Receipt : 23.01.2017
7. Sample Number : EHSRDCU2/ICPL/A/17/01/1712
8. Report to be Sent : 24.01.2017
9. Page No : 1 of 7

Sl.No	Parameters	Unit	Results	NAAQ Standards,2009	Protocol
1.	Period of Sampling/Time	Hrs	24 Hrs 7.00am-7.00am	24	--
2.	Particulate Matter (PM ₁₀)	µg/ m ³	80	100	IS: 5182 (P23)-2006
3.	Particulate Matter (PM ₂₅)	µg/ m ³	22	60	USEPA 40 CFR (P53)
4.	Sulphur Dioxide (SO ₂)	µg/ m ³	2.40	80	IS: 5182 (P2)-2001
5.	Nitrogen Dioxide (NO ₂)	µg/ m ³	5.56	80	IS: 5182 (P6)-2006

INFERENCE As per NAAQ Standards,
Report Status: - The measured values for the above parameters are within the standards.

***End of Report**



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Concern towards protecting Environment

Office Address: No. 457, Kanbargi Industrial Area, Autonagar, Belagavi - 590 015, Karnataka
ಕಛೇರಿ ವಿಳಾಸ: ನಂ. 457, ಕಣಬರಗಿ ಕೈಗಾರಿಕಾ ನಗರ, ಆಟೋನಗರ, ಬೆಳಗಾವಿ - 590015, ಕರ್ನಾಟಕ
आफिस : नो. 457, कनबर्गी इंडस्ट्रियल एरिया, आटोनगर, बेळगावी - 590015, कर्नाटक

See NOTE overleaf

Test Report

ANALYSIS REPORT OF AMBIENT AIR QUALITY

1. Name of the Station : Near Main Gate
2. Name of the Project : M/s. Indian Cane Power Ltd.
Village Uttur, Taluk: Mudhol, District: Bagalkote.
3. Sample Collected by : M/s. Environmental Health and Safety Research &
Development Centre Unit II, Belagavi - 590015.
4. Date of Collection : 22.01.2017
5. Particulars of Sample Collected : Ambient Air collected through
Fine Particulate Sampler - APM 550
Respirable Dust Sampler - 460NL
6. Date of Sample Receipt : 23.01.2017
7. Sample Number : EHSRDCU2/ICPL/A/17/01/1712
8. Report to be Sent : 24.01.2017
9. Page No : 1 of 7

Sl.No	Parameters	Unit	Results	NAAQ Standards, 2009	Protocol
1.	Period of Sampling/Time	Hrs	24 Hrs 7.00am-7.00am	24	--
2.	Particulate Matter (PM ₁₀)	µg/ m ³	80	100	IS: 5182 (P23)-2006
3.	Particulate Matter (PM _{2.5})	µg/ m ³	22	60	USEPA 40 CFR (P53)
4.	Sulphur Dioxide (SO ₂)	µg/ m ³	2.40	80	IS: 5182 (P2)-2001
5.	Nitrogen Dioxide (NO ₂)	µg/ m ³	5.56	80	IS: 5182 (P6)-2006

INFERENCE As per NAAQ Standards,
Report Status: - The measured values for the above parameters are within the standards.

***End of Report**



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Office Address: No. 457, Kanbargi Industrial Area, Autonagar, Belagavi - 590 015, Karnataka
ಕಛೇರಿ ವಿಳಾಸ: ನಂ. ೪೫೭, ಕಣಬರಗಿ ಕೈಗಾರಿಕಾ ನಗರ, ಆಟೋನಗರ, ಬೆಳಗಾವಿ - ೫೯೦೦೧೫, ಕರ್ನಾಟಕ
आफिस : नो. ४५७, कनबर्गी इंडस्ट्रियल एरिया, आटोनगर, बेळगावी - ५९००१५, कर्नाटक

See NOTE overleaf

Test Report

ANALYSIS REPORT OF EFFLUENT WATER QUALITY

1. Name of the Location : ETP Un-Treated Water
2. Name of the Project : M/s. Indian Cane Power Ltd.
Village Uttur, Taluk: Mudhol, District: Bagalkote.
3. Sample Collected by : M/s. Environmental Health and Safety Research &
Development Centre Unit-II, Belagavi- 590015.
4. Date of Collection : 22.01.2017
5. Particulars of Sample Collected : ETP Un-Treated water, Grab Sampling
6. Date of Sample Receipt : 23.01.2017
7. Sample Number : EHSRDCU2/ICPL/WW/17/01/1716
8. Analysis started on : 23.01.2017
9. Analysis Completed on : 27.01.2017
10. Report to be Sent : 27.01.2017
11. Page No. : 5 of 7
12. Protocol : APHA, 22nd Edition, IS Method

Sl.No	Parameters	Test Method	Unit	Result
1.	pH	4500H* B	--	5.53
2.	Colour	IS 3025(Part 4):1983	Hazen	<1.0
3.	Odour	IS 3025(Part 5):1983	-	Objectionable
4.	Oil & Grease	5520 B	mg/L	BDL
5.	BOD	5210 B	mg/L	1700
6.	C.O.D	5220 B	mg/L	2640
7.	Total Suspended Solids	2540 D	mg/L	480

BOD: Biological Oxygen Demand, COD: Chemical Oxygen Demand, BDL: Below Detectable Limit.

End of Report



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Office Address: No. 457, Kanbargi Industrial Area, Autonagar, Belagavi - 590 015, Karnataka

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ಆಫಿಸ್ : ನಂ. 457, ಕನಬರ್ಗಿ ಇಂಡಸ್ಟ್ರಿಯಲ್ ಏರಿಯಾ, ಆಟೋನಗರ, ಬೆಲಗಾವಿ - 590015, ಕರ್ನಾಟಕ

See NOTE overleaf



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ENVIRONMENTAL HEALTH AND SAFETY RESEARCH AND DEVELOPMENT CENTRE

(Recognised under section 12 of the Environment (Protection) Act, 1986)

ಎನ್ವಿರಾನ್ಮೆಂಟಲ್ ಹೆಲ್ತ್ ಅಂಡ್ ಸೇಫ್ಟಿ ರಿಸರ್ಚ್ ಅಂಡ್ ಡೆವಲಪ್‌ಮೆಂಟ್ ಸೆಂಟರ್

(ಖಂಡ (Kodagu) ಜಿಲ್ಲೆ, 1986 ರ ಕೆಎಂ 12 ರಡಿ ಅನ್ವಯಿಸಬಹುದಾದ ಪ್ರಯೋಗಾಲಯ)

ಉನ್ವಾಯಿನ್‌ಮೆಂಟಲ್ ಹೆಲ್ತ್ ಅಂಡ್ ಸೇಫ್ಟಿ ರಿಸರ್ಚ್ ಅಂಡ್ ಡೆವಲಪ್‌ಮೆಂಟ್ ಸೆಂಟರ್

(ಪರ್ವತ (Kodagu) ಜಿಲ್ಲೆ, 1986 ಅನುಚಿತ 12 ಕೆ ಎಚ್ ಆಕ್ಟಿನಲ್ಲಿ ಪ್ರಯೋಗಾಲಯ)

Test Report

ANALYSIS REPORT OF EFFLUENT WATER QUALITY

1. Name of the Location : ETP Treated Water
2. Name of the Project : M/s. Indian Cane Power Ltd.
Village Uttur, Taluk: Mudhol, District: Bagalkote.
3. Sample Collected by : M/s. Environmental Health and Safety Research &
Development Centre Unit-II, Belgaum- 590015
4. Date of Collection : 22.01.2017
5. Particulars of Sample : ETP Treated Water, Grab Sampling
Collected
6. Date of Sample Receipt : 23.01.2017
7. Sample Number : EHSRDCU2/ICPL/WW/17/01/1717
8. Analysis started on : 23.01.2017
9. Analysis Completed on : 27.01.2017
10. Report to be Sent : 27.01.2017
11. Page No. : 6 of 7
12. Protocol : APHA, 22nd Edition, IS Method

Sl.No	Parameters	Test Method	Unit	Result	KSPCB Limits
1.	pH	4500H+ B	--	7.61	5.5-9.0
2.	Colour	IS 3025(Part 4):1983	Hazen	<1.0	All Efforts should be made to remove the Colour & Odour
3.	Odour	IS 3025(Part 5):1983	-	Un-Objectionable	
4.	Oil & Grease	5520 B	mg/L	BDL	10
5.	BOD	5210 B	mg/L	32	100
6.	C.O.D	5220 B	mg/L	88	250
7.	Total Suspended Solids	2540 D	mg/L	58	100

BOD: Biological Oxygen Demand, BDL: Below Detectable Limit.

INFERENCE As per KSPCB Standards,
Report Status: - The measured values for the above parameters for those standards have been specified were observed to be within the said standards.

End of Report



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Concern towards protecting Environment

Office Address: No. 457, Kanbargi Industrial Area, Autonagar, Belagavi - 590 015, Karnataka

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आफिस : नं. ४५७, कनबर्गी इंडस्ट्रियल एरिया, आटोनगर, बेळगावी - ५९००१५, कर्नाटक

See NOTE overleaf

Test Report

ANALYSIS REPORT OF FRESH WATER QUALITY

1. Name of the Location : Industrial Premises
2. Name of the Project : M/s. Indian Cane Power Ltd.
Village Uttur, Taluk: Mudhol, District: Bagalkote.
3. Sample Collected by : M/s. Environmental Health and Safety Research &
Development Centre Unit-II, Belagavi- 590015
4. Date of Collection : 22.01.2017
5. Particulars of Sample Collected : Bore Well Water, Grab Sampling
6. Date of Sample Receipt : 23.01.2017
7. Sample Number : EHSRDCU2/ICPL/W/17/01/1718
8. Analysis started on : 23.01.2017
9. Analysis Completed on : 27.01.2017
10. Report to be Sent : 27.01.2017
11. Page No. : 7 of 7
12. Protocol : APHA,22nd Edition, IS Method

Sl.No	Parameters	Protocol	Unit	Result	Std. IS 10500:2012 (Second Revision)	
					DL	PL
1	pH	4500H* B	-	6.65	6.5-8.5	
2	Colour	IS 3025(Part 4):1983	Hazen	<1.0	5	15
3	Odour	IS 3025(Part 5):1983	-	Un- Objectionable	Un- Objectionable	
4	Electrical Conductivity	2510 B	µS/cm	1949	-	
5	Turbidity	2130 B	NTU	0.95	1	5
6	Total Dissolved Solids	2540 C	mg/L	1295	500	2000
7	Total Hardness	2340 C	mg/L	488	200	600
8	Calcium	3500-Ca	mg/L	187.2	75	200
9	Magnesium	3500 Mg B	mg/L	4.86	30	100
10	Chloride as Cl	4500-Cl B	mg/L	339.8	250	1000
11	Sulphate as SO ₄	4500-SO ₄ ²⁻	mg/L	191.4	200	400
12	Fluoride as F	4500F D	mg/L	1.1	1	1.5
13	Iron as Fe	3500-Fe B	mg/L	0.1	0.3	
14	Nitrate as NO ₃	4500-NO ₃ E	mg/L	7.02	45	

INFERENCE As per IS 10500:2012(Second Revision),
Report Status: -The measured values for the above parameters for those standards have been specified were observed to be within the said standards.

End of Report



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आफिस : नो. 457, कनबर्गी इंडस्ट्रियल एरिया, आटोनगर, बेळगावी - 590015, कर्नाटक

See NOTE overleaf

Test Report

ANALYSIS REPORT OF AMBIENT AIR QUALITY

1. Name of the Station : Near Main Gate
2. Name of the Project : M/s. Indian Cane Power Ltd.
Village Uttur, Taluk: Mudhol, District: Bagalkote.
3. Sample Collected by : M/s. Environmental Health and Safety Research &
Development Centre Unit II, Belagavi - 590015.
4. Date of Collection : 12.01.2017
5. Particulars of Sample Collected : Ambient Air collected through
Fine Particulate Sampler - APM 550
Respirable Dust Sampler - 460NL
6. Date of Sample Receipt : 16.01.2017
7. Sample Number : EHSRDCU2/ICPL/A/17/01/1628
8. Report to be Sent : 18.01.2017
9. Page No : 1 of 8

Sl.No	Parameters	Unit	Results	NAAQ Standards,2009	Protocol
1.	Period of Sampling/Time	Hrs	24 Hrs 7.00am-7.00am	24	--
2.	Particulate Matter (PM ₁₀)	µg/ m ³	81	100	IS: 5182 (P23)-2006
3.	Particulate Matter (PM _{2.5})	µg/ m ³	22	60	USEPA 40 CFR (P53)
4.	Sulphur Dioxide (SO ₂)	µg/ m ³	2.84	80	IS: 5182 (P2)-2001
5.	Nitrogen Dioxide (NO ₂)	µg/ m ³	5.67	80	IS: 5182 (P6)-2006

INFERENCE	As per NAAQ Standards, Report Status: - The measured values for the above parameters are within the standards.
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***End of Report**



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आफिस : नो. 457, कनबर्गी इंडस्ट्रियल एरिया, आटोनगर, बेळगावी - ५९००१५, कर्नाटक

See NOTE overleaf

Test Report

ANALYSIS REPORT OF AMBIENT AIR QUALITY

1. Name of the Station : Near Weigh Bridge
2. Name of the Project : M/s. Indian Cane Power Ltd.
Village Uttur, Taluk: Mudhol, District: Bagalkote.
3. Sample Collected by : M/s. Environmental Health and Safety Research &
Development Centre Unit II, Belagavi - 590015.
4. Date of Collection : 12.01.2017
5. Particulars of Sample Collected : Ambient Air collected through
Fine Particulate Sampler - APM 550
Respirable Dust Sampler - 460NL
6. Date of Sample Receipt : 16.01.2017
7. Sample Number : EHSRDCU2/ICPL/A/17/01/1629
8. Report to be Sent : 18.01.2017
9. Page No : 2 of 8

Sl.No	Parameters	Unit	Results	NAAQ Standards,2009	Protocol
1.	Period of Sampling/Time	Hrs	24 Hrs 7.10am-7.10am	24	--
2.	Particulate Matter (PM ₁₀)	µg/ m ³	74	100	IS: 5182 (P 23)-2006
3.	Particulate Matter (PM _{2.5})	µg/ m ³	29	60	USEPA 40 CFR (P53)
4.	Sulphur Dioxide (SO ₂)	µg/ m ³	2.90	80	IS: 5182 (P2)-2001
5.	Nitrogen Dioxide (NO ₂)	µg/ m ³	5.99	80	IS: 5182 (P6)-2006

INFERENCE	As per NAAQ Standards, Report Status: - The measured values for the above parameters are within the standards.
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***End of Report**



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Office Address: No. 457, Kanbargi Industrial Area, Autonagar, Belagavi - 590 015, Karnataka
ಕಛೇರಿ ವಿಳಾಸ: ನಂ. ೪೫೭, ಕಣಬರಗಿ ಕೈಗಾರಿಕಾ ನಗರ, ಆಟೋನಗರ, ಬೆಳಗಾವಿ - ೫೯೦೦೧೫, ಕರ್ನಾಟಕ
आफिस : नो. ४५८, कनबर्गी इंडस्ट्रियल एरिया, आटोनगर, बेळगावी - ५९००१५, कर्नाटक

See NOTE overleaf

Test Report

ANALYSIS REPORT OF AMBIENT AIR QUALITY

1. Name of the Station : Near Quarters
2. Name of the Project : M/s. Indian Cane Power Ltd.
Village Uttur, Taluk: Mudhol, District: Bagalkote.
3. Sample Collected by : M/s. Environmental Health and Safety Research &
Development Centre Unit II, Belagavi - 590015.
4. Date of Collection : 12.01.2017
5. Particulars of Sample Collected : Ambient Air collected through
Fine Particulate Sampler - APM 550
Respirable Dust Sampler - 460NL
6. Date of Sample Receipt : 16.01.2017
7. Sample Number : EHSRDCU2/ICPL/A/17/01/1631
8. Report to be Sent : 18.01.2017
9. Page No : 4 of 8

Sl.No	Parameters	Unit	Results	NAAQ Standards,2009	Protocol
1.	Period of Sampling/Time	Hrs	24 Hrs 7.30am-7.30am	24	--
2.	Particulate Matter (PM ₁₀)	µg/ m ³	74	100	IS: 5182 (P 23)-2006
3.	Particulate Matter (PM _{2.5})	µg/ m ³	25	60	USEPA 40 CFR (P53)
4.	Sulphur Dioxide (SO ₂)	µg/ m ³	2.26	80	IS: 5182 (P2)-2001
5.	Nitrogen Dioxide (NO ₂)	µg/ m ³	5.21	80	IS: 5182 (P6)-2006

INFERENCE	As per NAAQ Standards, Report Status: - The measured values for the above parameters are within the standards.
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***End of Report**



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आफिस : नो. ४५८, कनबर्गी इंडस्ट्रियल एरिया, आटोनगर, बेळगावी - ५९००१५, कर्नाटक

See NOTE overleaf

Test Report

ANALYSIS REPORT OF EFFLUENT WATER QUALITY

1. Name of the Location : ETP Inlet (IP)
2. Name of the Project : M/s. Indian Cane Power Ltd.
Village Uttur, Taluk: Mudhol, District: Bagalkote.
3. Sample Collected by : M/s. Environmental Health and Safety Research &
Development Centre Unit-II, Belgaum- 590015.
4. Date of Collection : 12.01.2017
5. Particulars of Sample Collected : ETP Un-Treated water, Grab Sampling
6. Date of Sample Receipt : 16.01.2017
7. Sample Number : EHSRDCU2/ICPL/WW/17/01/1633
8. Analysis started on : 16.01.2017
9. Analysis Completed on : 20.01.2017
10. Report to be Sent : 20.01.2017
11. Page No. : 6 of 8
12. Protocol : APHA, 22nd Edition, IS Method

Sl.No	Parameters	Test Method	Unit	Result
1.	pH	4500H+ B	--	5.12
2.	Colour	IS 3025(Part 4):1983	Hazen	<1.0
3.	Odour	IS 3025(Part 5):1983	-	Objectionable
4.	Oil & Grease	5520 B	mg/L	BDL
5.	BOD	5210 B	mg/L	1400
6.	C.O.D	5220 B	mg/L	2480
7.	Total Suspended Solids	2540 D	mg/L	220

BOD: Biological Oxygen Demand, COD: Chemical Oxygen Demand, BDL: Below Detectable Limit, IP: Industry Premises

End of Report



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Concern towards protecting Environment

Office Address: No. 457, Kanbargi Industrial Area, Autonagar, Belagavi - 590 015, Karnataka

ಕಛೇರಿ ವಿಳಾಸ: ನಂ. 457, ಕಣಬರಗಿ ಕೈಗಾರಿಕಾ ನಗರ, ಆಟೋನಗರ, ಬೆಳಗಾವಿ - 590015, ಕರ್ನಾಟಕ

आफिस : नो. 457, कनबर्गी इंडस्ट्रियल एरिया, आटोनगर, बेळगावी - 590015, कर्नाटक

See NOTE overleaf

Test Report

ANALYSIS REPORT OF EFFLUENT WATER QUALITY

1. Name of the Location : ETP Outlet(IP)
2. Name of the Project : M/s. Indian Cane Power Ltd.
Village Uttur, Taluk: Mudhol, District: Bagalkote.
3. Sample Collected by : M/s. Environmental Health and Safety Research &
Development Centre Unit-II, Belgaum- 590015
4. Date of Collection : 12.01.2017
5. Particulars of Sample Collected : ETP Treated Water, Grab Sampling
6. Date of Sample Receipt : 16.01.2017
7. Sample Number : EHSRDCU2/ICPL/WW/17/01/1634
8. Analysis started on : 16.01.2017
9. Analysis Completed on : 20.01.2017
10. Report to be Sent : 20.01.2017
11. Page No. : 7 of 8
12. Protocol : APHA, 22nd Edition, IS Methods

Sl.No	Parameters	Test Method	Unit	Result	KSPCB Limits
1.	pH	4500H+ B	--	7.08	5.5-9.0
2.	Colour	IS 3025(Part 4):1983	Hazen	<1.0	All Efforts should be made to remove the Colour & Odour
3.	Odour	IS 3025(Part 5):1983	-	Un-Objectionable	
4.	Oil & Grease	5520 B	mg/L	BDL	10
5.	BOD	5210 B	mg/L	36	100
6.	C.O.D	5220 B	mg/L	96	250
7.	Total Suspended Solids	2540 D	mg/L	46	100

BOD: Biological Oxygen Demand, COD: Chemical Oxygen Demand BDL: Below Detectable Limit, IP: Industrial Premises

INFERENCE	As per KSPCB Standards, Report Status: - The measured values for the above parameters for those standards have been specified were observed to be within the said standards.
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End of Report



[Signature]
Authorized Signatory

Concern towards protecting Environment

Office Address: No. 457, Kanbargi Industrial Area, Autonagar, Belagavi - 590 015, Karnataka

ಕಛೇರಿ ವಿಳಾಸ: ನಂ. 457, ಕಣಬರಗಿ ಕೈಗಾರಿಕಾ ನಗರ, ಆಟೋನಗರ, ಬೆಳಗಾವಿ - 590015, ಕರ್ನಾಟಕ

ಆಫೀಸ್ : ನಂ. 457, ಕನಬರ್ಗಿ ಇಂಡಸ್ಟ್ರಿಯಲ್ ಏರಿಯಾ, ಆಟೋನಗರ, ಬೆಲಗಾವಿ - 590015, ಕರ್ನಾಟಕ

See NOTE overleaf

Test Report

ANALYSIS REPORT OF FRESH WATER QUALITY

1. Name of the Location : Industrial Premises
2. Name of the Project : M/s. Indian Cane Power Ltd.
Village Uttur, Taluk: Mudhol, District: Bagalkote.
3. Sample Collected by : M/s. Environmental Health and Safety Research &
Development Centre Unit-II, Belagavi- 590015
4. Date of Collection : 12.01.2017
5. Particulars of Sample Collected : Bore Well Water, Grab Sampling
6. Date of Sample Receipt : 16.01.2017
7. Sample Number : EHSRDCU2/ICPL/W/17/01/1635
8. Analysis started on : 16.01.2017
9. Analysis Completed on : 20.01.2017
10. Report to be Sent : 20.01.2017
11. Page No. : 8 of 8
12. Protocol : APHA,22nd Edition, IS Method

Sl.No	Parameters	Protocol	Unit	Result	Std. IS 10500:2012 (Second Revision)	
					DL	PL
1	pH	4500H+ B	-	7.29	6.5-8.5	
2	Colour	IS 3025(Part 4):1983	Hazen	<1.0	5	15
3	Odour	IS 3025(Part 5):1983	-	Un- Objectionable	Un- Objectionable	
4	Electrical Conductivity	2510 B	µS/cm	1874	-	
5	Turbidity	2130 B	NTU	0.28	1	5
6	Total Dissolved Solids	2540 C	mg/L	1282	500	2000
7	Total Hardness	2340 C	mg/L	512	200	600
8	Calcium	3500-Ca	mg/L	169.6	75	200
9	Magnesium	3500 Mg B	mg/L	21.3	30	100
10	Chloride as Cl	4500-Cl B	mg/L	253.9	250	1000
11	Sulphate as SO ₄	4500-SO ₄ ²⁻	mg/L	184.9	200	400
12	Fluoride as F	4500F D	mg/L	0.87	1	1.5
13	Iron as Fe	3500-Fe B	mg/L	0.01	0.3	
14	Nitrate as NO ₃	4500-NO ₃ E	mg/L	9.90	45	

INFERENCE As per IS 10500:2012(Second Revision),
Report Status: -The measured values for the above parameters for those standards have been specified were observed to be within the said standards.

End of Report



(Signature)
Authorized Signatory

Concern towards protecting Environment

Office Address: No. 457, Kanbargi Industrial Area, Autonagar, Belagavi - 590 015, Karnataka
ಕಛೇರಿ ವಿಳಾಸ: ನಂ. ೪೫೭, ಕಣಬರಗಿ ಕೈಗಾರಿಕಾ ನಗರ, ಆಟೋನಗರ, ಬೆಳಗಾವಿ - ೫೯೦೦೧೫, ಕರ್ನಾಟಕ
आफिस : नो. ४५७, कनबर्गी इंडस्ट्रियल एरिया, आटोनगर, बेळगावी - ५९००१५, कर्नाटक

See NOTE overleaf

Test Report

ANALYSIS REPORT OF AMBIENT AIR QUALITY

1. Name of the Station : Near Weigh Bridge
2. Name of the Project : M/s. Indian Cane Power Ltd.
Village Uttur, Taluk: Mudhol, District: Bagalkote.
3. Sample Collected by : M/s. Environmental Health and Safety Research &
Development Centre Unit II, Belagavi - 590015.
4. Date of Collection : 22.01.2017
5. Particulars of Sample Collected : Ambient Air collected through
Fine Particulate Sampler - APM 550
Respirable Dust Sampler - 460NL
6. Date of Sample Receipt : 23.01.2017
7. Sample Number : EHSRDCU2/ICPL/A/17/01/1713
8. Report to be Sent : 24.01.2017
9. Page No : 2 of 7

Sl.No	Parameters	Unit	Results	NAAQ Standards,2009	Protocol
1.	Period of Sampling/Time	Hrs	24 Hrs 7.10am-7.10am	24	--
2.	Particulate Matter (PM ₁₀)	µg/ m ³	62	100	IS: 5182 (P 23)-2006
3.	Particulate Matter (PM ₂₅)	µg/ m ³	23	60	USEPA 40 CFR (P53)
4.	Sulphur Dioxide (SO ₂)	µg/ m ³	2.62	80	IS: 5182 (P2)-2001
5.	Nitrogen Dioxide (NO ₂)	µg/ m ³	5.69	80	IS: 5182 (P6)-2006

INFERENCE As per NAAQ Standards,
Report Status: - The measured values for the above parameters are within the standards.

***End of Report**



Blengale
Authorized Signatory

Concern towards protecting Environment

Office Address: No. 457, Kanbargi Industrial Area, Autonagar, Belagavi - 590 015, Karnataka

ಕಛೇರಿ ವಿಳಾಸ: ನಂ. ೪೫೭, ಕನಬರಗಿ ಕೈಗಾರಿಕಾ ನಗರ, ಆಟೋನಗರ, ಬೆಳಗಾವಿ - ೫೯೦೦೧೫, ಕರ್ನಾಟಕ

आफिस : नो. ४५८, कनबर्गी इंडस्ट्रियल एरिया, आटोनगर, बेळगावी - ५९००१५, कर्नाटक

See NOTE overleaf