

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 : 09.02.2017
5. Particulars of Sample Collected : ETP Un-Treated water, Grab Sampling
6. Date of Sample Receipt : 09.02.2017
7. Sample Number : EHSRDCU2/ICPL./WW/17/02/1830
8. Analysis started on : 09.02.2017
9. Analysis Completed on : 13.02.2017
10. Report to be Sent : 13.02.2017
11. Page No. : 1 of 3
12. Protocol : APHA, 22nd Edition, IS Method

Sl.No	Parameters	Test Method	Unit	Result
1.	pH	4500H+ B	--	5.97
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	1600
6.	C.O.D	5220 B	mg/L	2720
7.	Total Suspended Solids	2540 D	mg/L	190

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

End of Report

Blagat
Authorized Signatory

Concern towards protecting Environment

Office Address: No. 457, Kanbargi Industrial Area, Autonagar, Belagavi - 590 015, Karnataka
ಕಛೇರಿ ವಿಳಾಸ: ನಂ. 457, ಕಣಬರಗಿ ಔದ್ಯೋಗಿಕ ಪ್ರದೇಶ, ಆಟೋನಗರ, ಬೆಲಗಾವಿ - 590015, ಕರ್ನಾಟಕ

ಆಫೀಸ್ : 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)

ಎನ್ವಿರಾನ್‌ಮೆಂಟ್ ಹೆಲ್ತ್ ಅಂಡ್ ಸೇಫ್ಟಿ ರಿಸರ್ಚ್ ಅಂಡ್ ಡೆವಲಪ್‌ಮೆಂಟ್ ಸೆಂಟರ್

(ಪರಿಸರ (ಸಂರಕ್ಷಣಾ) ಕಾಯ್ದೆ, 1986 ರ ಕಲಂ 12 ರಲ್ಲಿ ಮಾನ್ಯತೆ ಪಡೆದ ಪ್ರಯೋಗಾಲಯ)

ಎನ್‌ವಾಯರ್‌ನಮೆಂಟ್ ಹೆಲ್ತ್ ಆಂಡ್ ಸೇಫ್ಟಿ ರಿಸರ್ಚ್ ಆಂಡ್ ಡೆವಲಪ್‌ಮೆಂಟ್ ಸೆಂಟರ್

(पर्यावरण (संरक्षण) अधिनियम, 1986 अनुभाग 12 की धारा मान्यता प्राप्त प्रयोगशाला)

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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 : 09.02.2017
5. Particulars of Sample Collected : ETP Treated Water, Grab Sampling
6. Date of Sample Receipt : 09.02.2017
7. Sample Number : EHSRDCU2/ICPL/WW/17/02/1831
8. Analysis started on : 09.02.2017
9. Analysis Completed on : 13.02.2017
10. Report to be Sent : 13.02.2017
11. Page No. : 2 of 3
12. Protocol : APHA, 22nd Edition, IS Method

Sl.No	Parameters	Test Method	Unit	Result	KSPCB Limits
1.	pH	4500H* B	--	7.23	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	35	100
6.	C.O.D	5220 B	mg/L	80	250
7.	Total Suspended Solids	2540 D	mg/L	23	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.

End of Report

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 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 : 09.02.2017
5. Particulars of Sample Collected : Bore Well Water, Grab Sampling
6. Date of Sample Receipt : 09.02.2017
7. Sample Number : EHSRDCU2/ICPL/W/17/02/1832
8. Analysis started on : 09.02.2017
9. Analysis Completed on : 13.02.2017
10. Report to be Sent : 13.02.2017
11. Page No. : 3 of 3
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	-	7.02	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	1296	-	
5	Turbidity	2130 B	NTU	0.05	1	5
6	Total Dissolved Solids	2540 C	mg/L	793	500	2000
7	Total Hardness	2340 C	mg/L	412	200	600
8	Calcium	3500-Ca	mg/L	139.2	75	200
9	Magnesium	3500 Mg B	mg/L	15.5	30	100
10	Chloride as Cl	4500-Cl B	mg/L	183.9	250	1000
11	Sulphate as SO ₄	4500-SO ₄ ²⁻	mg/L	163.9	200	400
12	Fluoride as F	4500F D	mg/L	0.81	1	1.5
13	Iron as Fe	3500-Fe B	mg/L	0.03	0.3	
14	Nitrate as NO ₃	4500-NO ₃ E	mg/L	4.10	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]

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

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

See NOTE overleaf