

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 : 04.01.2018
5. Particulars of Sample Collected : Emissions from stack collected through Stack Sampler VSS1
6. Date of Sample Receipt : 08.01.2018
7. Sample Number : EHSRDCU2/ICPL/5/18/01/1686
8. Report to be Sent : 11.01.2018
9. Page No : 5 of 8

GENERAL DETAILS

Date of Monitoring	04.01.2018
Ambient Temperature (°C)	28
Stack Temperature (°C)	162
Velocity (m/s)	8.77
Diameter (m)	3.8
Cross Sectional Area in meter square (m ²)	11.335
Quantity of flue gas discharged into atmosphere (Nm ³ /h)	247541.62
Dust Emission Rate	2.498

RESULTS

Parameters	Protocol	Unit	Result	Standard
Particulate Matter	IS: 11255, (P1)	mg/Nm ³	10.09	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



Signature
 Authorized Signatory

Concern towards protecting Environment

Office Address : No. 457, Kanbargi Industrial Area, Autonagar, Belagavi - 590 015, Karnataka
 ಕಛೇರಿ ವಿಳಾಸ : ನಂ. 457, ಕನಬರಗಿ ಕೈಗಾರಿಕಾ ಸ್ಥಳ, ಆಟೋನಗರ, ಬೆಂಗಳೂರು - 590 008, ಕರ್ನಾಟಕ
 ಆಫೀಸು : ನಂ. 457, ಕನಬರಗಿ ಇಂಡಸ್ಟ್ರಿಯಲ್ ಏರಿಯಾ, ಆಟೋನಗರ, ಬೆಂಗಳೂರು - 590 015, ಕರ್ನಾಟಕ



ENVIRONMENTAL HEALTH AND SAFETY
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ENVIRONMENTAL HEALTH AND SAFETY RESEARCH AND DEVELOPMENT CENTRE

(Recognised under section 12 of the Environment (Protection) Act, 1986 New Delhi, Validity 02.06.2016 to 01.06.2021)

ವಿಸ್ತರಣಾ ಮೆಂಬರ್ ಹೆಲ್ತ್ ಅಂಡ್ ಸೇಫ್ಟಿ ರಿಸರ್ಚ್ ಅಂಡ್ ಡೆವಲಪ್ ಮೆಂಟ್ ಸೆಂಟರ್
(ಸಂವಿಧಾನ (ಡಿಫಿನ್ಷನ್) ಕಾಯ್ದೆ, 1986 ರ ಕೆಲವು 12 ರ ಅಡಿಯಲ್ಲಿ ಗುರುತಿಸಲಾಗಿದೆ) ನವ ದೆಹಲಿ, ದಾಖಲಾತಿ ಅಂಕ: 02.06.2016 ಡೆಡ್ 01.06.2021

एनवायर्नमेंटल हेल्थ एंड सेफ्टी रिसर्च एंड डेवलपमेंट सेंटर

(प्राधिकरण (संरक्षण) अधिनियम, 1986 अनुभाग 12 की धारा 12 अन्वये गठित प्रयोगशाला) न्यू दिल्ली, पंजीयन संख्या: 02.06.2016 - 01.06.2021

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 : 25.01.2018
5. Particulars of Sample Collected : Ambient Air collected through
Fine Particulate Sampler - APM 550
Respirable Dust Sampler - 460NL.
6. Date of Sample Receipt : 27.01.2018
7. Sample Number : EHSRDCU2/ICPL/A/18/01/1946
8. Report to be Sent : 30.01.2018
9. Page No : 2 of 7

Sl.No	Parameters	Unit	Results	NAAQ Standards,2009	Protocol
1.	Period of Sampling/Time	Hrs	8 Hrs 7.20am-3.20am	24	-
2.	Particulate Matter (PM ₁₀)	µg/ m ³	94	100	IS: 5182 (P23)-2006
3.	Particulate Matter (PM _{2.5})	µg/ m ³	23	60	USEPA 40 CFR (P53)
4.	Sulphur Dioxide (SO ₂)	µg/ m ³	1.35	80	IS: 5182 (P2)-2001
5.	Nitrogen Dioxide (NO ₂)	µg/ m ³	3.85	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**



[Signature]
Authorized Signatory

Concern towards protecting Environment

Office Address : No. 457, Kanbargi Industrial Area, Autonagar, Belagavi - 590 015, Karnataka
ಕಛೇರಿ ವಿಳಾಸ : ನಂ. 457, ಕನಬರಗಿ ಕೈಗಾರಿಕಾ ನಗರ, ಆಟೋನಗರ, ಬೆಳಗಾವಿ - 590 015, ಕರ್ನಾಟಕ
आफिस : नो. 457, कनबर्गी इंडस्ट्रियल एरिया, आटोनगर, बेळगावी - ५९० ०१५, कर्नाटक

See NOTE overleaf

Test Report

ANALYSIS REPORT OF AMBIENT AIR QUALITY

1. Name of the Station : Near Boiler Area
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 : 25.01.2018
5. Particulars of Sample Collected : Ambient Air collected through
Fine Particulate Sampler - APM 550
Respirable Dust Sampler - 460NL
6. Date of Sample Receipt : 27.01.2018
7. Sample Number : EHSRDCU2/ICPL/A/18/01/1947
8. Report to be Sent : 30.01.2018
9. Page No : 3 of 7

Sl.No	Parameters	Unit	Results	NAAQ Standards, 2009	Protocol
1.	Period of Sampling/Time	Hrs	8 Hrs 7.30am-3.30am	24	--
2.	Particulate Matter (PM ₁₀)	µg/m ³	93	100	IS: 5182 (P 23)-2006
3.	Particulate Matter (PM _{2.5})	µg/m ³	17	60	USEPA 40 CFR (P53)
4.	Sulphur Dioxide (SO ₂)	µg/m ³	1.12	80	IS: 5182 (P2)-2001
5.	Nitrogen Dioxide (NO ₂)	µg/m ³	3.38	80	IS: 5182 (P6)-2006

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

***End of Report**



[Signature]
 Authorized Signatory

Concern towards protecting Environment

Office Address : No. 457, Kanbarji Industrial Area, Autonagar, Belagavi - 590 015, Karnataka
 ಕಛಿಠೆ ಡಿಠಾಢ : ನೆ. 457, ಕನಬರಜಿ ಓಢಿಠಾಢೇರಾ ಡಿಠಾಢ, ಆಟೋನಗರ, ಬೆಲಗಾವಿ - 590 008, ಕರ್ಢಾಟಕ
 ಖಾಸೀಠ : ನೆ. 457, ಕನಬರಜಿ ಓಢಿಠಾಢೇರಾ ಓಢಿಠಾಢ, ಆಟೋನಗರ, ಬೆಲಗಾವಿ - 590 015, ಕರ್ಢಾಟಕ

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 : 25.01.2018
5. Particulars of Sample Collected : ETP Un-Treated water, Grab Sampling
6. Date of Sample Receipt : 27.01.2018
7. Sample Number : EHSRDCU2/ICPL/WW/18/01/1949
8. Analysis started on : 27.01.2018
9. Analysis Completed on : 31.01.2018
10. Report to be Sent : 31.01.2018
11. Page No. : 5 of 7
12. Protocol : APHA, 23rd Edition, IS Method

Sl.No	Parameters	Test Method	Unit	Result
1.	pH	4500H B	--	6.32
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	440
6.	C.O.D	5220 B	mg/L	1260
7.	Total Suspended Solids	2540 D	mg/L	164

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

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 - 590 015, ಕರ್ನಾಟಕ

ಆಫೀಸ : ನಂ. 457, ಕನಬರ್ಗಿ ಇಂಡಸ್ಟ್ರಿಯಲ್ ಏರಿಯಾ, ಆಟೋನಗರ, ಬೆಳಗಾವಿ - 590 015, 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) New Delhi, Validity 02.06.2016 to 01.06.2021

ವಿಸ್ತೃತಾನ್ವಯಿತಾತ್ ಕೆಲ್ ಅಂಡ್ ಸೇಫ್ಟಿ ರಿಸರ್ಚ್ ಅಂಡ್ ಡೆವಲಪ್‌ಮೆಂಟ್ ಸೆಂಟರ್

(ಸಂಯೋಜಿತ) ಕಾಯ್ದೆ, 1986 ರ 12 ನೇ ಲೇಖನಿಯಡಿ (ಬೋಧಿಸಲ್ಪಟ್ಟ) ನವ ದೆಹಲಿ, ವಾಲ್ಯಿಡಿಟಿ : 02.06.2016 ರಿಂದ 01.06.2021

ಒನ್‌ಬಾರ್ನಮೆಂಟ್ ಹೆಲ್ತ್ ಅಂಡ್ ಸೇಫ್ಟಿ ರಿಸರ್ಚ್ ಅಂಡ್ ಡೆವಲಪ್‌ಮೆಂಟ್ ಸೆಂಟರ್

(ಪರಿಚಿತ) ಅಧಿನಿಯಮ, 1986 ಅನುಚಯ 12 ಕೆಲ್ ಭಾಗ ಮುನ್ಯಾತ್ ಪ್ರಾತ್ ಪರಿಚಿತಾತ್ ನ್ಯು ದೆಹಲಿ, ಮುನ್ಯಾತ್ ತಾರೀಖ್ : 02.06.2016 - 01.06.2021

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 : 25.01.2018
5. Particulars of Sample Collected : ETP Treated Water, Grab Sampling
6. Date of Sample Receipt : 27.01.2018
7. Sample Number : EHSRDCU2/ICPL/WW/18/01/1950
8. Analysis started on : 27.01.2018
9. Analysis Completed on : 31.01.2018
10. Report to be Sent : 31.01.2018
11. Page No. : 6 of 7
12. Protocol : APHA, 23rd Edition, IS Methods

Sl.No	Parameters	Test Method	Unit	Result	KSPCB Limits
1.	pH	4500H* B	--	7.3	6.0-8.5
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	24	100
6.	C.O.D	5220 B	mg/L	48	250
7.	Total Suspended Solids	2540 D	mg/L	40	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



[Signature]
Authorized Signatory

Concern towards protecting Environment

Office Address : No. 457, Kanbergi Industrial Area, Autonagar, Belagavi - 590 015, Karnataka
ಒಫೀಸ್ ಡಿರೇಕ್ಟ್ : ನಂ. 457, ಕನಬರ್ಗಿ ಔದ್ಯೋಗಿಕ ಪ್ರದೇಶ, ಆಟೋನಗರ, ಬೆಲಗಾವಿ - 590 015, ಕರ್ನಾಟಕ
ಅಧೀನ : ನಂ. 457, ಕನಬರ್ಗಿ ಇಂಡಸ್ಟ್ರಿಯಲ್ ಪ್ರಿಯಾ, ಆಟೋನಗರ, ಬೆಲಗಾವಿ - 590 015, ಕರ್ನಾಟಕ

See NOTE Inverted

**INDIAN CANE POWER LIMITED, UTTUR.
SOUND LEVEL MONITORING REPORT**


Specifications of Sound Level Meter :


Date of Monitoring : 10.1.2018

Make KUSAM-MECO
 Model KM-927
 Accuracy 1.5 dB
 Level Range : Lo 30 - 80 dB
 Med 50 - 100 dB
 Hi 80 - 130 dB
 Microphone: Electret Condenser Microphone

Sl. No.	Sound Level Monitoring Locations	Code no. for Locations	Results in dB	Remarks
1	Factory Main Gate	⊕1	63.4	
2	Sugar Unit	⊕2	69.2	
3	Co-gen Unit	⊕3	69.6	
4	Co-Gen Office	⊕4	58.7	
5	D.G. Set	⊕5	68.8	


Checked by


Asst. General Manager (W&E)


Dy. General Manager (C&S)




**INDIAN CANE POWER LIMITED, UTTUR.
SOUND LEVEL MONITORING REPORT**


Specifications of Sound Level Meter :
 Make : KUSAM-MECO
 Model : KM - 927
 Accuracy : 1.5 dB
 Level Range : Lo 30 - 80 dB
 Med 50 - 100 dB
 Hi 80 - 130 dB
 Microphone: Electret Condenser Microphone

Date of Monitoring : 10-1-2018

Residential area

Sl. No.	Sound Level Monitoring Locations	Code no. for Locations	Results in dB	Remarks
1	Officer quarters	⊕ 1	50.6	
2	Worker quatrres	⊕ 2	47.4	

Checked by 


 Asst. General Manager (W&E)


 Dy. General Manager (C&S)



INDIAN CANE POWER LIMITED, UTTUR.

SOUND LEVEL MONITORING REPORT

Specifications of Sound Level Meter :

Make : KUSAM-MECO
 Model : KM - 927
 Accuracy : 1.5 dB
 Level Range : Lo 30 - 80 dB
 Med 50 - 100 dB
 Hi 80 - 130 dB
 Microphone : Electret Condenser Microphone

Date of Monitoring : 25.01.2018

Sl. No.	Sound Level Monitoring Locations	Code no. for Locations	Results in dB	Remarks
1	Factory Main Gate	⊕ 1	59.4	
2	Sugar Unit	⊕ 2	68.8	
3	Co-gen Unit	⊕ 3	69.3	
4	Co-Gen Office	⊕ 4	58.4	
5	D.G. Set	⊕ 5	69.1	

Checked by

[Signature]
 Asst. General Manager (W&E)

[Signature]
 Dy. General Manager (C&S)



INDIAN CANE POWER LIMITED, UTTUR.

SOUND LEVEL MONITORING REPORT

Specifications of Sound Level Meter :

Make : KUSAM-MECO
Model : KM - 927
Accuracy : 1.5 dB
Level Range : Lo 30 - 80 dB
 Med 50 - 100 dB
 Hi 80 - 130 dB
Microphone: Electret Condenser Microphone

Date of Monitoring : 25/11/2018

Residential area

Sl. No.	Sound Level Monitoring Locations	Code no. for Locations	Results in dB	Remarks
1	Officer quarters	⊕ 1	52.6	
2	Worker quatrres	⊕ 2	44.8	

Checked by

H. V. S.
Asst. General Manager (W&E)

[Signature]
Dy. General Manager (C&S)



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 : 04.01.2018
5. Particulars of Sample Collected : Ambient Air collected through
Fine Particulate Sampler - APM 550
Respirable Dust Sampler - 460NL
6. Date of Sample Receipt : 08.01.2018
7. Sample Number : EHSRDCU2/ICPL/A/18/01/1682
8. Report to be Sent : 11.01.2018
9. Page No : 1 of 8

Sl. No	Parameters	Unit	Results	NAAQ Standards, 2009	Protocol
1.	Period of Sampling/Time	Hrs	8 Hrs 7.00am-3.00am	24	--
2.	Particulate Matter (PM ₁₀)	µg/ m ³	96	100	IS: 5182 (P23)-2006
3.	Particulate Matter (PM _{2.5})	µg/ m ³	25	60	USEPA 40 CFR (P53)
4.	Sulphur Dioxide (SO ₂)	µg/ m ³	1.29	80	IS: 5182 (P2)-2001
5.	Nitrogen Dioxide (NO ₂)	µg/ m ³	3.57	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**



Blouyale
 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 - ೫೯೦ ೦೧೫, ಕರ್ನಾಟಕ
 आफिस : नो. ४५७, कनबर्गी इंडस्ट्रियल एरिया, आटोनगर, बेळगावी - ५९० ०१५, 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 : 04.01.2018
5. Particulars of Sample Collected : Ambient Air collected through
Fine Particulate Sampler - APM 550
Respirable Dust Sampler - 460NL
6. Date of Sample Receipt : 08.01.2018
7. Sample Number : EHSRDCU2/ICPL/A/18/01/1683
8. Report to be Sent : 11.01.2018
9. Page No : 2 of 8

Sl. No	Parameters	Unit	Results	NAAQ Standards, 2009	Protocol
1.	Period of Sampling/Time	Hrs	8 Hrs 7.10am-3.10am	24	--
2.	Particulate Matter (PM ₁₀)	µg/m ³	93	100	IS: 5182 (P 23)-2006
3.	Particulate Matter (PM _{2.5})	µg/m ³	23	60	USEPA 40 CFR (P53)
4.	Sulphur Dioxide (SO ₂)	µg/m ³	1.06	80	IS: 5182 (P2)-2001
5.	Nitrogen Dioxide (NO ₂)	µg/m ³	3.43	80	IS: 5182 (P6)-2006

(I)

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**



Bhargava
 Authorized Signatory

Concern towards protecting Environment

Office Address : No. 457, Kanbargi Industrial Area, Autonagar, Belagavi - 590 015, Karnataka
 ಕಛೇರಿ ವಿಳಾಸ : ನಂ. 457, ಕನಬರ್ಗಿ ಕೈಗಾರಿಕಾ ನಗರ, ಆಟೋನಗರ, ಬೆಳಗಾವಿ - 590 015, ಕರ್ನಾಟಕ
 ಆಫೀಸು : ನಂ. 457, ಕನಬರ್ಗಿ ಇಂಡಸ್ಟ್ರಿಯಲ್ ಏರಿಯಾ, ಆಟೋನಗರ, ಬೆಳಗಾವಿ - 590 015, ಕರ್ನಾಟಕ

See NOTE overleaf

Test Report

ANALYSIS REPORT OF AMBIENT AIR QUALITY

- 1. Name of the Station : Near Boiler area
- 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 : 04.01.2018
- 5. Particulars of Sample Collected : Ambient Air collected through
Fine Particulate Sampler - APM 550
Respirable Dust Sampler - 460741.
- 6. Date of Sample Receipt : 08.01.2018
- 7. Sample Number : EHSRDCU2/ICPL/A/18/01/1684
- 8. Report to be sent : 11.01.2018
- 9. Page No : 3 of 8

Sl. No	Parameters	Unit	Results	NAAQ Standards, 2009	Protocol
1.	Period of Sampling/Time	Hrs	8 Hrs 7.20am-3.20am	24	--
2.	Particulate Matter (PM ₁₀)	µg/m ³	84	100	IS: 5962 (I): 2016
3.	Particulate Matter (PM _{2.5})	µg/m ³	21	60	IS: 5962 (I): 2016
4.	Sulphur Dioxide (SO ₂)	µg/m ³	1.09	80	IS: 5962 (I): 2016
5.	Nitrogen Dioxide (NO ₂)	µg/m ³	3.29	80	IS: 5962 (I): 2016

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



[Signature]
 Authorized Signatory

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 : 04.01.2018
5. Particulars of Sample : ETP Un-Treated water, Grab Sampling
Collected
6. Date of Sample Receipt : 08.01.2018
7. Sample Number : EHSRDCU2/ICPL/WW/18/01/1687
8. Analysis started on : 08.01.2018
9. Analysis Completed on : 13.01.2018
10. Report to be Sent : 13.01.2018
11. Page No. : 6 of 8
12. Protocol : APHA, 23rd Edition, IS Method

Sl.No	Parameters	Test Method	Unit	Result
1.	pH	4500H* B	--	6.37
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	700
6.	C.O.D	5220 B	mg/L	1760
7.	Total Suspended Solids	2540 D	mg/L	360

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

End of Report



Blouppule
Authorized Signatory

Concern towards protecting Environment

Office Address : No. 457, Kanbargi Industrial Area, Autonagar, Belagavi - 590 015, Karnataka
ಕಛೇರಿ ವಿಳಾಸ : ನಂ. 457, ಕನಬರಗಿ ಕೈಗಾರಿಕಾ ನಗರ, ಆಟೋನಗರ, ಬೆಳಗಾವಿ - 590 015, ಕರ್ನಾಟಕ
ಆಫೀಸ : ನಂ. 457, ಕನಬರಗಿ ಇಂಡಸ್ಟ್ರಿಯಲ್ ಏರಿಯಾ, ಆಟೋನಗರ, ಬೆಳಗಾವಿ - 590 015, ಕರ್ನಾಟಕ

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 : 04.01.2018
5. Particulars of Sample Collected : ETP Treated Water, Grab Sampling
6. Date of Sample Receipt : 08.01.2018
7. Sample Number : EHSRDCU2/ICPL/WW/18/01/1688
8. Analysis started on : 08.01.2018
9. Analysis Completed on : 13.01.2018
10. Report to be Sent : 13.01.2018
11. Page No. : 7 of 8
12. Protocol : APHA, 23rd Edition, IS Methods

Sl.No	Parameters	Test Method	Unit	Result	KSPCB Limits
1.	pH	4500H* B	--	7.85	6.0-8.5
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	26	100
6.	C.O.D	5220 B	mg/L	60	250
7.	Total Suspended Solids	2540 D	mg/L	51	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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ಕಛೇರಿ ವಿಳಾಸ : ನಂ. 457, ಕಣಬರಗಿ ಕೈಗಾರಿಕಾ ನಗರ, ಆಟೋನಗರ, ಬೆಳಗಾವಿ - 590 015, ಕರ್ನಾಟಕ
ಆಫೀಸು : ನಂ. 457, ಕನಬರ್ಗಿ ಇಂಡಸ್ಟ್ರಿಯಲ್ ಏರಿಯಾ, ಆಟೋನಗರ, ಬೆಳಗಾವಿ - 590 015, 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 : 04.01.2018
5. Particulars of Sample Collected : Bore Well Water, Grab Sampling
6. Date of Sample Receipt : 08.01.2018
7. Sample Number : EHSRDCU2/ICPL/W/17/01/1689
8. Analysis started on : 08.01.2018
9. Analysis Completed on : 13.01.2018
10. Report to be Sent : 13.01.2018
11. Page No. : 8 of 8
12. Protocol : APHA, 23rd Edition, IS Method

Sl. No	Parameters	Protocol	Unit	Result	Std. IS 10500:2012 (Second Revision)	
					DL	PL
1	pH	4500H* B	-	6.75	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	2500	-	
5	Turbidity	2130 B	NTU	0.52	1	5
6	Total Dissolved Solids	2540 C	mg/L	1820	500	2000
7	Total Hardness	2340 C	mg/L	720	200	600
8	Calcium	3500-Ca	mg/L	192	75	200
9	Magnesium	3500 Mg B	mg/L	58.32	30	100
10	Chloride as Cl	4500-Cl B	mg/L	579.82	250	1000
11	Sulphate as SO ₄	4500-SO ₄ ²⁻	mg/L	136.99	200	400
12	Fluoride as F	4500F D	mg/L	0.64	1	1.5
13	Iron as Fe	3500-Fe B	mg/L	BDL	0.3	
14	Nitrate as NO ₃	4500-NO ₃ E	mg/L	9.63	45	

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



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ಆಫೀಸು : ನಂ. 457, ಕನಬರಗಿ ಇಂಡಸ್ಟ್ರಿಯಲ್ ಏರಿಯಾ, ಆಟೋನಗರ, ಬೆಳಗಾವಿ - 590 015, 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.
3. Sample Collected by : Village Uttur, Taluk: Mudhol, District: Bagalkote.
M/s. Environmental Health and Safety Research & Development Centre Unit II, Belagavi - 590015.
4. Date of Collection : 25.01.2018
5. Particulars of Sample Collected : Ambient Air collected through
Fine Particulate Sampler - APM 550
Respirable Dust Sampler - 460NL
6. Date of Sample Receipt : 27.01.2018
7. Sample Number : EHSRDCU2/ICPL/A/18/01/1945
8. Report to be Sent : 30.01.2018
9. Page No : 1 of 7

Sl. No	Parameters	Unit	Results	NAAQ Standards, 2009	Protocol
1.	Period of Sampling/Time	Hrs	8 Hrs 7.10am-3.10am	24	--
2.	Particulate Matter (PM ₁₀)	µg/ m ³	89	100	IS: 5182 (P23)-2006
3.	Particulate Matter (PM _{2.5})	µg/ m ³	25	60	USEPA 40 CFR (P53)
4.	Sulphur Dioxide (SO ₂)	µg/ m ³	1.58	80	IS: 5182 (P2)-2001
5.	Nitrogen Dioxide (NO ₂)	µg/ m ³	3.83	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**



(Signature)
 Authorized Signatory

Concern towards protecting Environment

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 ಕಛೇರಿ ವಿಳಾಸ : ನಂ. 457, ಕನಬರ್ಗಿ ಕೈಗಾರಿಕಾ ನಗರ, ಆಟೋನಗರ, ಬೆಳಗಾವಿ - 590 015, ಕರ್ನಾಟಕ
 आफिस : नो. 457, कनबर्गी इंडस्ट्रियल एरिया, आटोनगर, बेळगावी - ५९० ०१५, कर्नाटक

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