



Dr. SUBBARAO'S ENVIRONMENT CENTRE

REGD. OFFICE : "ARUNDHATI" Opp. Sahayognagar, Old Dhamani Road, Vishrambag, Sangli - 416415.

Dt. 03/12/2016

STACK MONITORING REPORT

Name of the Factory : Indian Cane power Ltd., Uttur.

Date of Stack Monitoring : 23/11/2016

S. No	Parameter	Unit	Stack - I
1.	Stack Height	m	108
2.	Stack Diameter	m	3.8
3.	Boiler Capacity	MT/hr	195
4.	Fuel Used	--	Bagasse
5.	Flue Gas Temp.	°C	134
6.	Flue Gas Velocity	m/sec	10.12
7.	P.M.	mg/Nm ³	35
8.	NO _x	mg/Nm ³	56
9.	SO ₂	mg/Nm ³	18

Lab Incharge

Sangli - (0233) 2301857, 2302664, Fax : (0233) 2302664, Mob. 9372109522, 9890992118

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AMBIENT AIR QUALITY REPORT

Name of the Factory : Indian Cane power Ltd., Uttur.
Date of Ambient Air Sampling : 23/11/2016

Sr. No.	Sampling Station	Wind Direction (from)	Direction & Distance from Stack	P.M _{2.5} ($\mu\text{g}/\text{m}^3$)	P.M ₁₀ ($\mu\text{g}/\text{m}^3$)	S.P.M ($\mu\text{g}/\text{m}^3$)	NO _x ($\mu\text{g}/\text{m}^3$)	SO ₂ ($\mu\text{g}/\text{m}^3$)
1.	Main Gate	North east	South East, 500 meters	14.00	26.00	124.00	15.00	08.00
2.	Near 60 ton Weigh Bridge		South, 450 meters	20.00	36.00	138.00	20.00	10.00


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ANALYSIS REPORT

Name of the Factory : Indian Cane power Ltd., Uttur.

Date of sampling : 23/11/2016.

Sample Description : **Untreated & Treated sample.**

Sr. No.	Parameter	Unit	Untreated	Treated
1.	pH	-	6.08	7.71
2.	C.O.D	mg/l	1046	82
3.	B.O.D (3 days at 27°C)	mg/l	460	12
4.	T.S	mg/l	2841	1268
5.	T.D.S	mg/l	2046	1074
6.	S.S	mg/l	795	194
7.	Chlorides	mg/l	288	94
8.	Sulphates	mg/l	340	176
9.	Oil & Grease	mg/l	12	Nil

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ANALYSIS REPORT

Name of the Factory : Indian Cane power Ltd., Uttur.

Date of sampling : 23/11/2016.

Sample Description : Borewell water

Sr. No.	Parameter	Unit	Borewell water near ETP
1.	Color	--	Colorless
2.	Odor	--	Unobjectionable
3.	pH	--	7.16
4.	Alkalinity	mg/l	186
5.	C.O.D	mg/l	Nil
6.	B.O.D (3days at 27°C)	mg/l	Nil
7.	Total Dissolved Solids	mg/l	560
8.	Chlorides	mg/l	108
9.	Hardness (as CaCO ₃)	mg/l	219
10.	Calcium	mg/l	69
11.	Magnesium	mg/l	11
12.	Sodium	mg/l	54
13.	Potassium	mg/l	1.2
14.	Turbidity	NTU	0.2
15.	% Na (Max)	%	35
16.	Sodium Absorption ratio (SAR)	--	1.59
17.	Conductivity	µmhos/cm	738

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