

Report No:-GCI/V/Lab/EM-SP/20-21/Feb-00/0011

Date: 15.02.2021

## ANALYSIS REPORT

Client Details		Sample Details	
<b>Name</b>	M/s. Kranti Agrani Dr. G. D. Bapu Lad S. S. K. Ltd.	<b>Sample Code</b>	GCI/EC/21/ST1
<b>Address</b>	Kundal, Tal-Palus,Dist-Sangali 416309.	<b>Stack attached to</b>	As In Table
		<b>Location</b>	Sugar Plant Boiler I
		<b>Sampling Instrument</b>	Stack Monitoring Kit
<b>Sampling Done By</b>	SAITECH, Kolhapur	<b>Date of Sampling</b>	08.02.2021
<b>Analysis Starts on</b>	09.02.2021	<b>Sampling Method</b>	Isokinetic Sampling, IS:11255,PART-1,2,3
<b>Analysis Completion On</b>	13.02.2021	<b>Sample Received Date</b>	09.02.2021

### STACK MONITORING ANALYSIS RESULTS

Sr. No.	Description	Unit	Results	MPCB Limits	Reference Method
			Boiler I		
1.	Material of Stack	-	Concrete		
2.	Type of Stack	-	Round		
3.	Stack Height	mtr.	60		
4.	Stack Dimensions	mtr.	3.5		
5.	Differential Pressure	mmWG	1.6		
6.	Stack Area	m <sup>2</sup>	9.622		
7.	Temperature of Flue Gas	°K	422		
8.	Velocity of Flue Gas	m/s	4.9		
9.	Volumetric Flow of Flue Gas	Nm <sup>3</sup> /hr	122718.6		
10.	Total Particulate matter (TPM)	mg/Nm <sup>3</sup>	89.6	<150	IS 11255: Part 1
11.	Sulfur Dioxide (SO <sub>2</sub> )	mg/Nm <sup>3</sup>	1.2	---	IS 11255: Part 2
12.	Sulfur Dioxide (SO <sub>2</sub> )	Kg/D	3.53	---	IS 11255: Part 2



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- Sample will be retained till one month from the date of sampling.

Report No:-GCI/V/Lab/EM-SP/20-21/Feb-00/0011

Date: 15.02.2021

## ANALYSIS REPORT

Client Details		Sample Details	
<b>Name</b>	M/s. Kranti Agrani Dr. G. D. Bapu Lad S. S. K. Ltd.	<b>Sample Code</b>	GCI/EC/21/ST2
<b>Address</b>	Kundal, Tal-Palus, Dist-Sangali 41 6309.	<b>Stack attached to</b>	As In Table
		<b>Location</b>	Distillery Plant Incineration Boiler Stack
		<b>Sampling Instrument</b>	Stack Monitoring Kit
<b>Sampling Done By</b>	SAITECH, Kolhapur	<b>Date of Sampling</b>	08.02.2021
<b>Analysis Starts on</b>	09.02.2021	<b>Sampling Method</b>	Isokinetic Sampling, IS:11255,PART-1,2,3
<b>Analysis Completion On</b>	13.02.2021	<b>Sample Received Date</b>	09.02.2021

## STACK MONITORING ANALYSIS RESULTS

Sr. No.	Description	Unit	Results	MPCB Limits	Reference Method
			Boiler		
1.	Material of Stack	-	Concrete		
2.	Type of Stack	-	Round		
3.	Stack Height	mtr.	75		
4.	Stack Dimensions	mtr.	3.0		
5.	Differential Pressure	mmWG	2.6		
6.	Stack Area	m <sup>2</sup>	7.069		
7.	Temperature of Flue Gas	°K	410		
8.	Velocity of Flue Gas	m/s	6.1		
9.	Volumetric Flow of Flue Gas	Nm <sup>3</sup> /hr	116602.5		
10.	Total Particulate matter (TPM)	mg/Nm <sup>3</sup>	69.5	<150	IS 11255: Part 1
11.	Sulfur Dioxide (SO <sub>2</sub> )	mg/Nm <sup>3</sup>	11.4	---	IS 11255: Part 2
12.	Sulfur Dioxide (SO <sub>2</sub> )	Kg/D	31.9	---	IS 11255: Part 2



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## ANALYSIS REPORT

Client details		Sample Details	
Name	M/s. Kranti Agrani Dr. G. D. Babu Lad S. S. K. Ltd.	Sample Code	GCI/EC/21/AA1
Address	Kundal, Tal-Palus, Dist-Sangali 41 6309.	Location	Near Switch Yard
		Date of Sampling	08.02.2021
Sampling Done By	Saitech, Kolhapur	Date of Sample Received	09.02.2021
Analysis Starts On	09.02.2021	Sampling Instrument	RDS, FPS
Analysis Completion On	13.02.2021	Sampling Method	IS 5182 : Part 5 : 1975

### AMBIENT AIR ANALYSIS RESULTS

Sr. No.	Parameters	Unit	Results	National Ambient Air Quality Standards (NAAQS) amended 2009	Reference Method
1	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	59.4	100	IS 5182 : Part 23 : 2006
2	Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	19.5	60	NAAQS Guidelines
3	Sulphur dioxide (SO <sub>2</sub> )	µg/m <sup>3</sup>	14.9	80	IS 5182 : Part 2 : 2001
4	Oxides of Nitrogen (NO <sub>x</sub> )	µg/m <sup>3</sup>	17.2	80	IS 5182 : Part 6 : 2006
5	Carbon Monoxide CO	mg/m <sup>3</sup>	BDL	2.0	IS 5182 : Part 10 : 1999
6	Ozone as O <sub>3</sub>	µg/m <sup>3</sup>	BDL	100	NAAQS Guidelines
7	Lead as Pb	µg/m <sup>3</sup>	BDL	1.0	NAAQS Guidelines
8	Nickel as Ni	ng/m <sup>3</sup>	BDL	20	NAAQS Guidelines
9	Arsenic as As	ng/m <sup>3</sup>	BDL	6.0	NAAQS Guidelines
10	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	BDL	400	NAAQS Guidelines
11	Benzene , C <sub>6</sub> H <sub>6</sub>	µg/m <sup>3</sup>	BDL	5.0	IS 5182 (Part 11):2006
12	Benzo (a) Pyrene(Bap)	ng/m <sup>3</sup>	BDL	1.0	Gas Chromatography



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<b>Name</b>	M/s. Kranti Agrani Dr. G. D. Bapu Lad S. S. K. Ltd.	<b>Sample Code</b>	GCI/EC/21/AA2
<b>Address</b>	Kundal, Tal-Palus, Dist-Sangali 41 6309.	<b>Location</b>	Sugar Plant Area
		<b>Date of Sampling</b>	08.02.2021
<b>Sampling Done By</b>	Saitech, Kolhapur	<b>Date of Sample Received</b>	09.02.2021
<b>Analysis Starts On</b>	09.02.2021	<b>Sampling Instrument</b>	RDS, FPS
<b>Analysis Completion On</b>	13.02.2021	<b>Sampling Method</b>	IS 5182 : Part 5 : 1975

## AMBIENT AIR ANALYSIS RESULTS

Sr. No.	Parameters	Unit	Results	National Ambient Air Quality Standards (NAAQS) amended 2009	Reference Method
1	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	68.6	100	IS 5182 : Part 23 : 2006
2	Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	23.4	60	NAAQS Guidelines
3	Sulphur dioxide (SO <sub>2</sub> )	µg/m <sup>3</sup>	21.9	80	IS 5182 : Part 2 : 2001
4	Oxides of Nitrogen (NO <sub>x</sub> )	µg/m <sup>3</sup>	26.2	80	IS 5182 : Part 6 : 2006
5	Carbon Monoxide CO	mg/m <sup>3</sup>	BDL	2.0	IS 5182 : Part 10 : 1999
6	Ozone as O <sub>3</sub>	µg/m <sup>3</sup>	BDL	100	NAAQS Guidelines
7	Lead as Pb	µg/m <sup>3</sup>	BDL	1.0	NAAQS Guidelines
8	Nickel as Ni	ng/m <sup>3</sup>	BDL	20	NAAQS Guidelines
9	Arsenic as As	ng/m <sup>3</sup>	BDL	6.0	NAAQS Guidelines
10	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	BDL	400	NAAQS Guidelines
11	Benzene , C <sub>6</sub> H <sub>6</sub>	µg/m <sup>3</sup>	BDL	5.0	IS 5182 (Part 11):2006
12	Benzo (a) Pyrene(Bap)	ng/m <sup>3</sup>	BDL	1.0	Gas Chromatography



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<b>Name</b>	M/s. Kranti Agrani Dr. G. D. Bapu Lad S. S. K. Ltd.	<b>Sample Code</b>	GCI/EC/21/AA3
<b>Address</b>	Kundal, Tal-Palus, Dist-Sangali 41 6309.	<b>Location</b>	Co generation Unit
		<b>Date of Sampling</b>	08.02.2021
<b>Sampling Done By</b>	Saitech, Kolhapur	<b>Date of Sample Received</b>	09.02.2021
<b>Analysis Starts On</b>	09.02.2021	<b>Sampling Instrument</b>	RDS, FPS
<b>Analysis Completion On</b>	13.02.2021	<b>Sampling Method</b>	IS 5182 : Part 5 : 1975

## AMBIENT AIR ANALYSIS RESULTS

Sr. No.	Parameters	Unit	Results	National Ambient Air Quality Standards (NAAQS) amended 2009	Reference Method
1	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	62.7	100	IS 5182 : Part 23 : 2006
2	Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	20.4	60	NAAQS Guidelines
3	Sulphur dioxide (SO <sub>2</sub> )	µg/m <sup>3</sup>	18.2	80	IS 5182 : Part 2 : 2001
4	Oxides of Nitrogen (NO <sub>x</sub> )	µg/m <sup>3</sup>	21.8	80	IS 5182 : Part 6 : 2006
5	Carbon Monoxide CO	mg/m <sup>3</sup>	BDL	2.0	IS 5182 : Part 10 : 1999
6	Ozone as O <sub>3</sub>	µg/m <sup>3</sup>	BDL	100	NAAQS Guidelines
7	Lead as Pb	µg/m <sup>3</sup>	BDL	1.0	NAAQS Guidelines
8	Nickel as Ni	ng/m <sup>3</sup>	BDL	20	NAAQS Guidelines
9	Arsenic as As	ng/m <sup>3</sup>	BDL	6.0	NAAQS Guidelines
10	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	BDL	400	NAAQS Guidelines
11	Benzene , C <sub>6</sub> H <sub>6</sub>	µg/m <sup>3</sup>	BDL	5.0	IS 5182 (Part 11):2006
12	Benzo (a) Pyrene(Bap)	ng/m <sup>3</sup>	BDL	1.0	Gas Chromatography



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## ANALYSIS REPORT

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Name	M/s. Kranti Agrani Dr. G. D. Bapu Lad S. S. K. Ltd.	Sample Code	GCI/EC/21/AA4
Address	Kundal, Tal-Palus, Dist-Sangali 41 6309.	Location	Near Main Gate
		Date of Sampling	08.02.2021
Sampling Done By	Saitech, Kolhapur	Date of Sample Received	09.02.2021
Analysis Starts On	09.02.2021	Sampling Instrument	RDS, FPS
Analysis Completion On	13.02.2021	Sampling Method	IS 5182 : Part 5 : 1975

### AMBIENT AIR ANALYSIS RESULTS

Sr. No.	Parameters	Unit	Results	National Ambient Air Quality Standards (NAAQS) amended 2009	Reference Method
1	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	69.6	100	IS 5182 : Part 23 : 2006
2	Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	20.5	60	NAAQS Guidelines
3	Sulphur dioxide (SO <sub>2</sub> )	µg/m <sup>3</sup>	25.2	80	IS 5182 : Part 2 : 2001
4	Oxides of Nitrogen (NO <sub>x</sub> )	µg/m <sup>3</sup>	27.6	80	IS 5182 : Part 6 : 2006
5	Carbon Monoxide CO	mg/m <sup>3</sup>	BDL	2.0	IS 5182 : Part 10 : 1999
6	Ozone as O <sub>3</sub>	µg/m <sup>3</sup>	BDL	100	NAAQS Guidelines
7	Lead as Pb	µg/m <sup>3</sup>	BDL	1.0	NAAQS Guidelines
8	Nickel as Ni	ng/m <sup>3</sup>	BDL	20	NAAQS Guidelines
9	Arsenic as As	ng/m <sup>3</sup>	BDL	6.0	NAAQS Guidelines
10	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	BDL	400	NAAQS Guidelines
11	Benzene , C <sub>6</sub> H <sub>6</sub>	µg/m <sup>3</sup>	BDL	5.0	IS 5182 (Part 11):2006
12	Benzo (a) Pyrene(Bap)	ng/m <sup>3</sup>	BDL	1.0	Gas Chromatography



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<b>Name</b>	M/s. Kranti Agrani Dr. G. D. Babu Lad S. S. K. Ltd.	<b>Sample Code</b>	GCI/EC/21/AA5
<b>Address</b>	Kundal, Tal-Palus, Dist-Sangali 41 6309.	<b>Location</b>	Near F-Type Colony
		<b>Date of Sampling</b>	08.02.2021
<b>Sampling Done By</b>	Saitech, Kolhapur	<b>Date of Sample Received</b>	09.02.2021
<b>Analysis Starts On</b>	09.02.2021	<b>Sampling Instrument</b>	RDS, FPS
<b>Analysis Completion On</b>	13.02.2021	<b>Sampling Method</b>	IS 5182 : Part 5 : 1975

### AMBIENT AIR ANALYSIS RESULTS

Sr. No.	Parameters	Unit	Results	National Ambient Air Quality Standards (NAAQS) amended 2009	Reference Method
1	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	51.8	100	IS 5182 : Part 23 : 2006
2	Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	15.9	60	NAAQS Guidelines
3	Sulphur dioxide (SO <sub>2</sub> )	µg/m <sup>3</sup>	13.4	80	IS 5182 : Part 2 : 2001
4	Oxides of Nitrogen (NO <sub>x</sub> )	µg/m <sup>3</sup>	16.2	80	IS 5182 : Part 6 : 2006
5	Carbon Monoxide CO	mg/m <sup>3</sup>	BDL	2.0	IS 5182 : Part 10 : 1999
6	Ozone as O <sub>3</sub>	µg/m <sup>3</sup>	BDL	100	NAAQS Guidelines
7	Lead as Pb	µg/m <sup>3</sup>	BDL	1.0	NAAQS Guidelines
8	Nickel as Ni	ng/m <sup>3</sup>	BDL	20	NAAQS Guidelines
9	Arsenic as As	ng/m <sup>3</sup>	BDL	6.0	NAAQS Guidelines
10	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	BDL	400	NAAQS Guidelines
11	Benzene , C <sub>6</sub> H <sub>6</sub>	µg/m <sup>3</sup>	BDL	5.0	IS 5182 (Part 11):2006
12	Benzo (a) Pyrene(Bap)	ng/m <sup>3</sup>	BDL	1.0	Gas Chromatography



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<b>Name</b>	M/s. Kranti Agrani Dr. G. D. Bapu Lad S. S. K. Ltd.	<b>Sample Code</b>	GCI/EC/21/AA6
<b>Address</b>	Kundal, Tal- Palus, Dist- Sangli 41 6309.	<b>Location</b>	Distillery CPU Plant
		<b>Date of Sampling</b>	09.02.2021
<b>Sampling Done By</b>	Saitech, Kolhapur	<b>Date of Sample Received</b>	10.02.2021
<b>Analysis Starts On</b>	10.02.2021	<b>Sampling Instrument</b>	RDS, FPS
<b>Analysis Completion On</b>	15.02.2021	<b>Sampling Method</b>	IS 5182 : Part 5 : 1975

### AMBIENT AIR ANALYSIS RESULTS

Sr. No.	Parameters	Unit	Results	National Ambient Air Quality Standards (NAAQS) amended 2009	Reference Method
1	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	52.8	100	IS 5182 : Part 23 : 2006
2	Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	16.2	60	NAAQS Guidelines
3	Sulphur dioxide (SO <sub>2</sub> )	µg/m <sup>3</sup>	14.7	80	IS 5182 : Part 2 : 2001
4	Oxides of Nitrogen (NO <sub>x</sub> )	µg/m <sup>3</sup>	17.3	80	IS 5182 : Part 6 : 2006
5	Carbon Monoxide CO	mg/m <sup>3</sup>	BDL	2.0	IS 5182 : Part 10 : 1999
6	Ozone as O <sub>3</sub>	µg/m <sup>3</sup>	BDL	100	NAAQS Guidelines
7	Lead as Pb	µg/m <sup>3</sup>	BDL	1.0	NAAQS Guidelines
8	Nickel as Ni	ng/m <sup>3</sup>	BDL	20	NAAQS Guidelines
9	Arsenic as As	ng/m <sup>3</sup>	BDL	6.0	NAAQS Guidelines
10	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	BDL	400	NAAQS Guidelines
11	Benzene , C <sub>6</sub> H <sub>6</sub>	µg/m <sup>3</sup>	BDL	5.0	IS 5182 (Part 11):2006
12	Benzo (a) Pyrene(Bap)	ng/m <sup>3</sup>	BDL	1.0	Gas Chromatography



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<b>Name</b>	M/s. Kranti Agrani Dr. G. D. Babu Lad S. S. K. Ltd.	<b>Sample Code</b>	GCI/EC/21/AA7
<b>Address</b>	Kundal, Tal- Palus, Dist- Sangli 41 6309.	<b>Location</b>	Near Distillery Main Gate
		<b>Date of Sampling</b>	09.02.2021
<b>Sampling Done By</b>	Saitech, Kolhapur	<b>Date of Sample Received</b>	10.02.2021
<b>Analysis Starts On</b>	10.02.2021	<b>Sampling Instrument</b>	RDS, FPS
<b>Analysis Completion On</b>	15.02.2021	<b>Sampling Method</b>	IS 5182 : Part 5 : 1975

### AMBIENT AIR ANALYSIS RESULTS

Sr. No.	Parameters	Unit	Results	National Ambient Air Quality Standards (NAAQS) amended 2009	Reference Method
1	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	60.8	100	IS 5182 : Part 23 : 2006
2	Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	18.5	60	NAAQS Guidelines
3	Sulphur dioxide (SO <sub>2</sub> )	µg/m <sup>3</sup>	16.2	80	IS 5182 : Part 2 : 2001
4	Oxides of Nitrogen (NO <sub>x</sub> )	µg/m <sup>3</sup>	19.4	80	IS 5182 : Part 6 : 2006
5	Carbon Monoxide CO	mg/m <sup>3</sup>	BDL	2.0	IS 5182 : Part 10 : 1999
6	Ozone as O <sub>3</sub>	µg/m <sup>3</sup>	BDL	100	NAAQS Guidelines
7	Lead as Pb	µg/m <sup>3</sup>	BDL	1.0	NAAQS Guidelines
8	Nickel as Ni	ng/m <sup>3</sup>	BDL	20	NAAQS Guidelines
9	Arsenic as As	ng/m <sup>3</sup>	BDL	6.0	NAAQS Guidelines
10	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	BDL	400	NAAQS Guidelines
11	Benzene , C <sub>6</sub> H <sub>6</sub>	µg/m <sup>3</sup>	BDL	5.0	IS 5182 (Part 11):2006
12	Benzo (a) Pyrene(Bap)	ng/m <sup>3</sup>	BDL	1.0	Gas Chromatography



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<b>Name</b>	M/s. Kranti Agrani Dr. G. D. Bapu Lad S. S. K. Ltd.	<b>Sample Code</b>	GCI/EC/21/N1 to N14
<b>Address</b>	Kundal, Tal-Palus, Dist-Sangali 416309.	<b>Location</b>	As per table
		<b>Quantity</b>	NA
		<b>Date of Measurement</b>	08.02.2021
		<b>Sampling Instrument</b>	Sound Level Meter (HTC/SL-1352)
<b>Measurement Done By</b>	Saitech, Kolhapur	<b>Sampling Method</b>	HTC/SL-1352 Inst. Manual

## NOISE MONITORING RESULTS

Sr. No.	Location Name	Units	Results	
			Day Time	Night Time
1	Near Main Gate	dB (A)	67.2	55.8
2	Near on Lab Terrace	dB (A)	47.8	43.2
3	Near ETP	dB (A)	68.3	63.3
4	Mill House	dB (A)	72.5	70.0
5	Sugar House	dB (A)	70.6	69.8
6	Power House (Co-generation Unit)	dB (A)	73.2	70.4
7	Switch Yard	dB (A)	65.9	55.9
8	Boiling house	dB (A)	73.7	70.3
9	C-type colony	dB (A)	46.5	40.4
10	Near Administratoin Office	dB (A)	54.9	43.3
11	Near Main Gate	dB (A)	69.5	54.6
12	Distillery Plant	dB (A)	71.8	67.5
13	Near Distillery CPU Plant	dB (A)	70.4	69.3
14	Distillation Section	dB (A)	71.3	68.5

**Limits:** Maharashtra pollution Control Board has prescribed 75dB (A) as an upper limit of noise level during day time and 70dB (A) during night time.



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<b>Address</b>	M/s. Kranti Agrani Dr. G. D. Bapu Lad S. S. K. Ltd.	<b>Location</b>	Untreated Effluent
		<b>Date of Sampling</b>	08.02.2021
<b>Sampling Done by</b>	SAITECH, Kolhapur	<b>Quantity</b>	2 lit.
<b>Analysis Start on</b>	09.02.2021	<b>Sampling Method</b>	----
<b>Analysis Completion on</b>	13.02.2021	<b>Sample Received Date</b>	09.02.2021

### WASTE WATER ANALYSIS RESULTS

Sr. No.	Parameter	Unit	Results
1	pH	-	6.6
2	Total Suspended Solids (TSS)	mg/l	717
3	Total Dissolved Solids (TDS)	mg/l	1537
4	Biochemical Oxygen Demand (BOD) @ 3 days 27°C	mg/l	223
5	Chemical Oxygen Demand (COD)	mg/l	956
6	Oil & Grease	mg/l	ND
7	Chloride as Cl	mg/l	173
8	Sulphate as SO <sub>4</sub>	mg/l	151

BDL =Below Detectable Limit

DL =Detectable Limit



**Authorized Signatory**

- Analysis is subject to the condition In Which the Sample Is received at our Laboratory.
- Reports can not be used as an evidence anywhere including judiciary purpose without our prior permission.
- Sample will be retained till one month from the date of sampling.

Report No:-GCI/V/Lab/EM-SP/20-21/Feb-00/0011

Date: 15.02.2021

## ANALYSIS REPORT

Client's Details		Sample Details	
<b>Name</b>	M/s. Kranti Agrani Dr. G. D. Bapu Lad S. S. K. Ltd.	<b>Sample code</b>	GCI/EC/21/WW2
<b>Address</b>	Kundal, Tal-Palus, Dist-Sangali 416309.	<b>Location</b>	Treated Effluent
		<b>Date of Sampling</b>	08.02.2021
<b>Sampling Done by</b>	SAITECH, Kolhapur	<b>Quantity</b>	2 lit.
<b>Analysis Start on</b>	09.02.2021	<b>Sampling Method</b>	----
<b>Analysis Completion on</b>	13.02.2021	<b>Sample Received Date</b>	09.02.2021

### WASTE WATER ANALYSIS RESULTS

Sr. No.	Parameter	Unit	Results	Limits
1	pH	-	7.7	5.5-9.0
2	Total Suspended Solids (TSS)	mg/l	57	100
3	Total Dissolved Solids (TDS)	mg/l	621	2100
4	Biochemical Oxygen Demand (BOD) @ 3 days 27°C	mg/l	60	100
5	Chemical Oxygen Demand (COD)	mg/l	165	250
6	Oil & Grease	mg/l	ND	10
7	Chloride as Cl	mg/l	71	600
8	Sulphate as SO4	mg/l	82	1000

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Report No:-GCI/V/Lab/EM-SP/20-21/Feb-00/0011

Date: 15.02.2021

## ANALYSIS REPORT

Client's Details		Sample Details	
<b>Name</b>	M/s. Kranti Agrani Dr. G. D. Bapu Lad S. S. K. Ltd.	<b>Sample code</b>	GCI/EC/21/WW3
<b>Address</b>	Kundal, Tal-Palus, Dist-Sangali 416309.	<b>Location</b>	Spray Pond Overflow
		<b>Date of Sampling</b>	08.02.2021
<b>Sampling Done by</b>	SAITECH, Kolhapur	<b>Quantity</b>	2 lit.
<b>Analysis Start on</b>	09.02.2021	<b>Sampling Method</b>	----
<b>Analysis Completion on</b>	13.02.2021	<b>Sample Received Date</b>	09.02.2021

### WASTE WATER ANALYSIS RESULTS

Sr. No.	Parameter	Unit	Results
1	pH	-	7.7
2	Total Suspended Solids (TSS)	mg/l	90
3	Total Dissolved Solids (TDS)	mg/l	1033
4	Biochemical Oxygen Demand (BOD) @ 3 days 27°C	mg/l	79
5	Chemical Oxygen Demand (COD)	mg/l	220
6	Oil & Grease	mg/l	ND
7	Chloride as Cl	mg/l	115
8	Sulphate as SO4	mg/l	86

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Report No:-GCI/V/Lab/EM-SP/20-21/Feb-00/0011

Date: 15.02.2021

## ANALYSIS REPORT

Client's Details		Sample Details	
<b>Name</b>	M/s. Kranti Agrani Dr. G. D. Bapu Lad S. S. K. Ltd.	<b>Sample code</b>	GCI/EC/21/WW4
<b>Address</b>	Kundal, Tal-Palus, Dist-Sangali 416309.	<b>Location</b>	Condensate Water
		<b>Date of Sampling</b>	08.02.2021
<b>Sampling Done by</b>	SAITECH, Kolhapur	<b>Quantity</b>	2 lit.
<b>Analysis Start on</b>	09.02.2021	<b>Sampling Method</b>	----
<b>Analysis Completion on</b>	13.02.2021	<b>Sample Received Date</b>	09.02.2021

### WASTE WATER ANALYSIS RESULTS

Sr. No.	Parameter	Unit	Results
1	pH	-	8.0
2	Total Suspended Solids (TSS)	mg/l	ND
3	Total Dissolved Solids (TDS)	mg/l	74
4	Biochemical Oxygen Demand (BOD) @ 3 days 27°C	mg/l	32
5	Chemical Oxygen Demand (COD)	mg/l	177
6	Oil & Grease	mg/l	ND
7	Chloride as Cl	mg/l	ND
8	Sulphate as SO <sub>4</sub>	mg/l	ND

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