

Report No:-GCI/V/Lab/EM-SP/20-21/Jan-00/0010

Date: 18.01.2021

## ANALYSIS REPORT

Client Details		Sample Details	
<b>Name</b>	M/s. Krantiagrani 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>	11.01.2021
<b>Analysis Starts on</b>	12.01.2021	<b>Sampling Method</b>	Isokinetic Sampling, IS:11255,PART-1,2,3
<b>Analysis Completion On</b>	16.01.2021	<b>Sample Received Date</b>	12.01.2021

### 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	1.8		
6.	Stack Area	m <sup>2</sup>	9.622		
7.	Temperature of Flue Gas	°K	419		
8.	Velocity of Flue Gas	m/s	5.2		
9.	Volumetric Flow of Flue Gas	Nm <sup>3</sup> /hr	130627.9		
10.	Total Particulate matter (TPM)	mg/Nm <sup>3</sup>	90.0	<150	IS 11255: Part 1
11.	Sulfur Dioxide (SO <sub>2</sub> )	mg/Nm <sup>3</sup>	1.6	---	IS 11255: Part 2
12.	Sulfur Dioxide (SO <sub>2</sub> )	Kg/D	5.0	---	IS 11255: Part 2



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Date: 18.01.2021

## ANALYSIS REPORT

Client Details		Sample Details	
<b>Name</b>	M/s. Krantiagrani 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
		<b>Sampling Instrument</b>	Stack Monitoring Kit
<b>Sampling Done By</b>	SAITECH, Kolhapur	<b>Date of Sampling</b>	11.01.2021
<b>Analysis Starts on</b>	12.01.2021	<b>Sampling Method</b>	Isokinetic Sampling, IS:11255,PART-1,2,3
<b>Analysis Completion On</b>	16.01.2021	<b>Sample Received Date</b>	12.01.2021

## 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	2.8		
6.	Stack Area	m <sup>2</sup>	7.069		
7.	Temperature of Flue Gas	°K	409		
8.	Velocity of Flue Gas	m/s	6.4		
9.	Volumetric Flow of Flue Gas	Nm <sup>3</sup> /hr	121152.0		
10.	Total Particulate matter (TPM)	mg/Nm <sup>3</sup>	64.9	<150	IS 11255: Part 1
11.	Sulfur Dioxide (SO <sub>2</sub> )	mg/Nm <sup>3</sup>	11.1	---	IS 11255: Part 2
12.	Sulfur Dioxide (SO <sub>2</sub> )	Kg/D	32.2	---	IS 11255: Part 2



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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/AA1
<b>Address</b>	Kundal, Tal-Palus, Dist-Sangali 41 6309.	<b>Location</b>	Near Sugar Godown No. 3
		<b>Date of Sampling</b>	11.01.2021
<b>Sampling Done By</b>	Saitech, Kolhapur	<b>Date of Sample Received</b>	12.01.2021
<b>Analysis Starts On</b>	12.01.2021	<b>Sampling Instrument</b>	RDS, FPS
<b>Analysis Completion On</b>	16.01.2021	<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>	58.5	100	IS 5182 : Part 23 : 2006
2	Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	18.6	60	NAAQS Guidelines
3	Sulphur dioxide (SO <sub>2</sub> )	µg/m <sup>3</sup>	14.2	80	IS 5182 : Part 2 : 2001
4	Oxides of Nitrogen (NO <sub>x</sub> )	µg/m <sup>3</sup>	17.4	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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Client details		Sample Details	
<b>Name</b>	M/s. Krantiagrani 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 416309.	<b>Location</b>	Sugar Plant Area
		<b>Date of Sampling</b>	11.01.2021
<b>Sampling Done By</b>	Saitech, Kolhapur	<b>Date of Sample Received</b>	12.01.2021
<b>Analysis Starts On</b>	12.01.2021	<b>Sampling Instrument</b>	RDS, FPS
<b>Analysis Completion On</b>	16.01.2021	<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>	59.6	100	IS 5182 : Part 23 : 2006
2	Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	17.9	60	NAAQS Guidelines
3	Sulphur dioxide (SO <sub>2</sub> )	µg/m <sup>3</sup>	19.8	80	IS 5182 : Part 2 : 2001
4	Oxides of Nitrogen (NO <sub>x</sub> )	µg/m <sup>3</sup>	21.4	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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## ANALYSIS REPORT

Client details		Sample Details	
Name	M/s. Krantiagrani Dr. G. D. Bapu Lad S. S. K. Ltd.	Sample Code	GCI/EC/21/AA3
Address	Kundal, Tal-Palus, Dist-Sangali 416309.	Location	Co generation Unit
		Date of Sampling	11.01.2021
Sampling Done By	Saitech, Kolhapur	Date of Sample Received	12.01.2021
Analysis Starts On	12.01.2021	Sampling Instrument	RDS, FPS
Analysis Completion On	16.01.2021	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>	54.7	100	IS 5182 : Part 23 : 2006
2	Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	16.8	60	NAAQS Guidelines
3	Sulphur dioxide (SO <sub>2</sub> )	µg/m <sup>3</sup>	15.2	80	IS 5182 : Part 2 : 2001
4	Oxides of Nitrogen (NO <sub>x</sub> )	µg/m <sup>3</sup>	17.4	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. Krantiagrani Dr. G. D. Bapu Lad S. S. K. Ltd.	<b>Sample Code</b>	GCI/EC/21/AA4
<b>Address</b>	Kundal, Tal-Palus, Dist-Sangali 41 6309.	<b>Location</b>	Near Main Gate
		<b>Date of Sampling</b>	11.01.2021
<b>Sampling Done By</b>	Saitech, Kolhapur	<b>Date of Sample Received</b>	12.01.2021
<b>Analysis Starts On</b>	12.01.2021	<b>Sampling Instrument</b>	RDS, FPS
<b>Analysis Completion On</b>	16.01.2021	<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>	63.5	100	IS 5182 : Part 23 : 2006
2	Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	19.4	60	NAAQS Guidelines
3	Sulphur dioxide (SO <sub>2</sub> )	µg/m <sup>3</sup>	18.8	80	IS 5182 : Part 2 : 2001
4	Oxides of Nitrogen (NO <sub>x</sub> )	µg/m <sup>3</sup>	24.5	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

Client details		Sample Details	
Name	M/s. Krantiagrani Dr. G. D. Bapu Lad S. S. K. Ltd.	Sample Code	GCI/EC/21/AA5
Address	Kundal, Tal-Palus, Dist-Sangali 416309.	Location	Near Administration Office
		Date of Sampling	11.01.2021
Sampling Done By	Saitech, Kolhapur	Date of Sample Received	12.01.2021
Analysis Starts On	12.01.2021	Sampling Instrument	RDS, FPS
Analysis Completion On	16.01.2021	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>	45.6	100	IS 5182 : Part 23 : 2006
2	Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	13.9	60	NAAQS Guidelines
3	Sulphur dioxide (SO <sub>2</sub> )	µg/m <sup>3</sup>	12.5	80	IS 5182 : Part 2 : 2001
4	Oxides of Nitrogen (NO <sub>x</sub> )	µg/m <sup>3</sup>	13.9	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. Krantiagrani 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 Plant (Distillation Section)
		<b>Date of Sampling</b>	12.01.2021
<b>Sampling Done By</b>	Saitech, Kolhapur	<b>Date of Sample Received</b>	13.01.2021
<b>Analysis Starts On</b>	13.01.2021	<b>Sampling Instrument</b>	RDS, FPS
<b>Analysis Completion On</b>	18.01.2021	<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>	56.5	100	IS 5182 : Part 23 : 2006
2	Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	16.8	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>	19.3	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. Krantiagrani Dr. G. D. Bapu 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 Gate
		<b>Date of Sampling</b>	12.01.2021
<b>Sampling Done By</b>	Saitech, Kolhapur	<b>Date of Sample Received</b>	13.01.2021
<b>Analysis Starts On</b>	13.01.2021	<b>Sampling Instrument</b>	RDS, FPS
<b>Analysis Completion On</b>	18.01.2021	<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>	60.5	100	IS 5182 : Part 23 : 2006
2	Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	17.8	60	NAAQS Guidelines
3	Sulphur dioxide (SO <sub>2</sub> )	µg/m <sup>3</sup>	15.3	80	IS 5182 : Part 2 : 2001
4	Oxides of Nitrogen (NO <sub>x</sub> )	µg/m <sup>3</sup>	21.5	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. Krantiagrani Dr. G. D. Bapu Lad S. S. K. Ltd.	<b>Sample Code</b>	GCI/EC/21/N1 to N15
<b>Address</b>	Kundal, Tal-Palus, Dist-Sangali 416309.	<b>Location</b>	As per table
		<b>Quantity</b>	NA
		<b>Date of Measurement</b>	11.01.2021
		<b>Sampling Instrument</b>	Sound level meter (LT/SL -4030)
<b>Measurement Done By</b>	Saitech, Kolhapur	<b>Sampling Method</b>	LT/SL -4030 inst. Manual

## NOISE MONITORING RESULTS

Sr. No.	Location Name	Units	Results	
			Day Time	Night Time
1	Near Main Gate	dB (A)	69.6	53.8
2	Near on Lab Terrace	dB (A)	45.7	41.3
3	Near ETP	dB (A)	69.2	64.9
4	Mill House	dB (A)	73.4	70.4
5	Sugar House	dB (A)	71.8	69.8
6	Power House (Co-generation Unit)	dB (A)	73.2	71.4
7	Switch Yard	dB (A)	65.7	59.5
8	Boiling house	dB (A)	73.8	72.4
9	Bagse Yard	dB (A)	59.4	53.7
10	Near Sugar Godown	dB (A)	58.2	51.9
11	Near Distillery Main Gate	dB (A)	66.5	52.4
12	Near Ware House	dB (A)	58.3	50.6
13	Fermentation Section	dB (A)	62.9	61.5
14	Distillation Section	dB (A)	71.4	66.9
15	Incineration Boiler House	dB (A)	74.2	73.2

**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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Client's Details		Sample Details	
<b>Name</b>	M/s. Krantiagrani Dr. G. D. Bapu Lad S. S. K. Ltd.	<b>Sample code</b>	GCI/EC/21/WW1
<b>Address</b>	Kundal, Tal-Palus, Dist-Sangali 416309.	<b>Location</b>	Untreated Effluent
		<b>Date of Sampling</b>	11.01.2021
<b>Sampling Done by</b>	SAITECH, Kolhapur	<b>Quantity</b>	2 lit.
<b>Analysis Start on</b>	12.01.2021	<b>Sampling Method</b>	----
<b>Analysis Completion on</b>	16.01.2021	<b>Sample Received Date</b>	12.01.2021

### WASTE WATER ANALYSIS RESULTS

Sr. No.	Parameter	Unit	Results
1	pH	-	7.8
2	Total Suspended Solids (TSS)	mg/l	302
3	Total Dissolved Solids (TDS)	mg/l	675
4	Biochemical Oxygen Demand (BOD) @ 3 days 27°C	mg/l	2000
5	Chemical Oxygen Demand (COD)	mg/l	4950
6	Oil & Grease	mg/l	4.9
7	Chloride as Cl	mg/l	168
8	Sulphate as SO <sub>4</sub>	mg/l	140

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/Jan-00/0010

Date: 18.01.2021

## ANALYSIS REPORT

Client's Details		Sample Details	
<b>Name</b>	M/s. Krantiagrani 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>	11.01.2021
<b>Sampling Done by</b>	SAITECH, Kolhapur	<b>Quantity</b>	2 lit.
<b>Analysis Start on</b>	12.01.2021	<b>Sampling Method</b>	----
<b>Analysis Completion on</b>	16.01.2021	<b>Sample Received Date</b>	12.01.2021

### 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	65	100
3	Total Dissolved Solids (TDS)	mg/l	352	2100
4	Biochemical Oxygen Demand (BOD) @ 3 days 27°C	mg/l	59	100
5	Chemical Oxygen Demand (COD)	mg/l	166	250
6	Oil & Grease	mg/l	ND	10
7	Chloride as Cl	mg/l	68	600
8	Sulphate as SO4	mg/l	79	1000

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Report No:-GCI/V/Lab/EM-SP/20-21/Jan-00/0010

Date: 18.01.2021

## ANALYSIS REPORT

Client's Details		Sample Details	
<b>Name</b>	M/s. Krantiagrani 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>	11.01.2021
<b>Sampling Done by</b>	SAITECH, Kolhapur	<b>Quantity</b>	2 lit.
<b>Analysis Start on</b>	12.01.2021	<b>Sampling Method</b>	----
<b>Analysis Completion on</b>	16.01.2021	<b>Sample Received Date</b>	12.01.2021

### WASTE WATER ANALYSIS RESULTS

Sr. No.	Parameter	Unit	Results
1	pH	-	6.8
2	Total Suspended Solids (TSS)	mg/l	170
3	Total Dissolved Solids (TDS)	mg/l	942
4	Biochemical Oxygen Demand (BOD) @ 3 days 27°C	mg/l	65
5	Chemical Oxygen Demand (COD)	mg/l	231
6	Oil & Grease	mg/l	ND
7	Chloride as Cl	mg/l	115
8	Sulphate as SO <sub>4</sub>	mg/l	118

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Report No:-GCI/V/Lab/EM-SP/20-21/Jan-00/0010

Date: 18.01.2021

## ANALYSIS REPORT

Client's Details		Sample Details	
<b>Name</b>	M/s. Krantiagrani 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>	11.01.2021
<b>Sampling Done by</b>	SAITECH, Kolhapur	<b>Quantity</b>	2 lit.
<b>Analysis Start on</b>	12.01.2021	<b>Sampling Method</b>	----
<b>Analysis Completion on</b>	16.01.2021	<b>Sample Received Date</b>	12.01.2021

### WASTE WATER ANALYSIS RESULTS

Sr. No.	Parameter	Unit	Results
1	pH	-	7.7
2	Total Suspended Solids (TSS)	mg/l	ND
3	Total Dissolved Solids (TDS)	mg/l	120
4	Biochemical Oxygen Demand (BOD) @ 3 days 27°C	mg/l	27
5	Chemical Oxygen Demand (COD)	mg/l	150
6	Oil & Grease	mg/l	ND
7	Chloride as Cl	mg/l	47
8	Sulphate as SO4	mg/l	09

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