



AKANKSHA ANALYTICAL & RESEARCH LAB

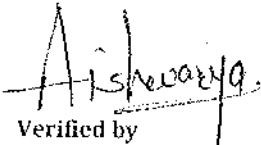
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- ISO 9001 : 2015 Certified Organization
- ISO 45001 : 2018 Certified Organization

TEST REPORT		Page 1 of 1	
NAME OF COMPANY & ADDRESS: M/s. Bhima Shankar sahakari sakhar karkhana Ltd. Dattatraynagar, Pargaon Village-Awasari Bk. Tal. - Ambegaon, Dist. - Pune-412406		Report No	AL/TR/38-241/2020-21
		Report Date	10/12/2020
		Inward No	12-18
		Inward Date	28/11/2020
Sample Detail	ETP Outlet Final	Analysis Start date	03/12/2020
Sample Collected By	Party	Analysis End date	08/12/2020
Sample Volume	3000 ml	Sample Condition	Fit For Analysis

Sr. No.	Parameter	Unit	Result	Limits as Per MPCB Consent	Method
1.	pH@25° C	----	6.79	5.5-9.0	IS 3025 (Part 11) RA 2012 Electrometric method
2.	Total Suspended Solids	mg/lit.	2.00	≤100	IS 3025 (Part 17) RA 2012 Gravimetric method
3.	Total Dissolved Solids	mg/lit.	1003	≤2100	IS 3025 (Part 16) RA 2012 Gravimetric method
4.	Chemical Oxygen Demand	mg/lit.	42.0	≤250	IS 3025 (Part 58) RA 2012 Open Reflux Method
5.	BOD @27° C For 3 Days	mg/lit.	14.0	≤100	IS 3025 (Part 44) RA 2014 Azide Modification Method
6.	Chlorides as Cl	mg/lit.	74.4	≤600	IS 3025 (Part 32) RA 2009 Argentometric method
7.	Sulphate as SO ₄ ²⁻	mg/lit.	8.14	≤1000	APHA-23 rd Edition 2017 4500-F-SO ₄ ²⁻
8.	Oil & Grease	mg/lit.	BDL	≤10.0	APHA 23 rd Edition 2017 5520 B

REMARK-

- ❖ The above analysis water sample is within the prescribed limits.
- ❖ Sample will be preserve for seven days after analysis.
- ❖ Above analysis results are related to its testing.
- ❖ The contents of this test report shall not be reproduced in part or without written approval of lab incharge.
- ❖ BDL-Below Detectable Limit.


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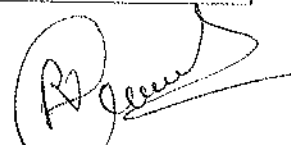
TEST REPORT		Page 1 of 1
NAME OF COMPANY & ADDRESS: M/s. Bhima Shankar sahakari sakharkhana Ltd. Dattatraynagar, Pargaon Village-Awasari Bk. Tal.- Ambegaon, Dist. - Pune-412406		Report No AL/TR/38-657/2020-21
		Report Date 08/01/2021
		Inward No 12-450
		Inward Date 30/12/2020
Sample Detail	ETP Outlet Final	Analysis Start date 01/01/2021
Sample Collected By	Party	Analysis End date 05/01/2021
Sample Volume	3000 ml	Sample Condition Fit For Analysis

Sr. No.	Parameter	Unit	Result	Limits as Per MPCB Consent	Method
1.	pH@25° C	-----	7.00	5.5-9.0	IS 3025 (Part 11) RA 2012 Electrometric method
2.	Total Suspended Solids	mg/lit.	1.00	≤100	IS 3025 (Part 17) RA 2012 Gravimetric method
3.	Total Dissolved Solids	mg/lit.	310	≤2100	IS 3025 (Part 16) RA 2012 Gravimetric method
4.	Chemical Oxygen Demand	mg/lit.	120	≤250	IS 3025 (Part 58) RA 2012 Open Reflux Method
5.	BOD @27° C For 3 Days	mg/lit.	40.0	≤100	IS 3025 (Part 44) RA 2014 Azide Modification Method
6.	Chlorides as Cl	mg/lit.	44.7	≤600	IS 3025 (Part 32) RA 2009 Argentometric method
7.	Sulphate as SO ₄ ²⁻	mg/lit.	5.94	≤1000	APHA-23 rd Edition 2017 4500-E-SO ₄ ²⁻
8.	Oil & Grease	mg/lit.	BDL	≤10.0	APHA 23 rd Edition 2017 5520 B

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TEST REPORT		Page 1 of 1
NAME OF COMPANY & ADDRESS: M/s. Bhima Shankar saktakari sakhar karkhana Ltd. Dattatraynagar, Pargaon Village-Awasari Bk. Tal.- Ambegaon, Dist. - Pune-412406		Report No AL/TR/39-056/2020-21
		Report Date 02/02/2021
		Inward No 1-379
		Inward Date 25/01/2021
		Analysis Start date 28/01/2021
		Analysis End date 01/02/2021
		Sample Condition Fit For Analysis
Sample Detail	ETP Outlet	
Sample Collected By	Party	
Sample Volume	3000 ml	

Sr. No.	Parameter	Unit	Result	Limits as Per MPCB Consent	Method
1.	pH@25° C	-----	7.75	5.5-9.0	IS 3025 (Part 11) RA 2012 Electrometric method
2.	Total Suspended Solids	mg/lit.	19.0	≤100	IS 3025 (Part 17) RA 2012 Gravimetric method
3.	Total Dissolved Solids	mg/lit.	1652	≤2100	IS 3025 (Part 16) RA 2012 Gravimetric method
4.	Chemical Oxygen Demand	mg/lit.	41.0	≤250	IS 3025 (Part 58) RA 2012 Open Reflux Method
5.	BOD @27° C For 3 Days	mg/lit.	14.0	≤100	IS 3025 (Part 44) RA 2014 Azide Modification Method
6.	Chlorides as Cl	mg/lit.	389	≤600	IS 3025 (Part 32) RA 2009 Argentometric method
7.	Sulphate as SO ₄ ²⁻	mg/lit.	6.95	≤1000	APHA-23 rd Edition 2017 4500-E-SO ₄ ²⁻
8.	Oil & Grease	mg/lit.	BDL	≤10.0	APHA 23 rd Edition 2017 5520 B

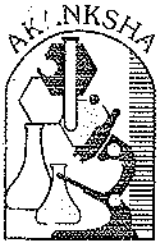
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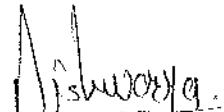
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TEST REPORT		Page 1 of 1	
NAME OF COMPANY & ADDRESS: M/s. Bhima Shankar sahakari sakhar karkhana Ltd. Dattatraynagar, Pargaon Village-Awasari Bk. Tal.- Ambegaon, Dist. - Pune-412406		Report No	AI/TR/39-447/2020-21
		Report Date	03/03/2021
		Inward No	2-328
		Inward Date	22/02/2021
Sample Detail	ETP Outlet	Analysis Start date	24/02/2021
Sample Collected By	Party	Analysis End date	02/03/2021
Sample Volume	3000 ml	Sample Condition	Fit For Analysis

Sr. No.	Parameter	Unit	Result	Limits as Per MPCB Consent	Method
1.	pH@25° C	-----	7.83	5.5-9.0	IS 3025 (Part 11) RA 2012 Electrometric method
2.	Total Suspended Solids	mg/lit.	31.0	≤100	IS 3025 (Part 17) RA 2012 Gravimetric method
3.	Total Dissolved Solids	mg/lit.	1221	≤2100	IS 3025 (Part 16) RA 2012 Gravimetric method
4.	Chemical Oxygen Demand	mg/lit.	34.0	≤250	IS 3025 (Part 58) RA 2012 Open Reflux Method
5.	BOD @27° C For 3 Days	mg/lit.	13.0	≤100	IS 3025 (Part 44) RA 2014 Azide Modification Method
6.	Chlorides as Cl	mg/lit.	330	≤600	IS 3025 (Part 32) RA 2009 Argentometric method
7.	Sulphate as SO ₄ ²⁻	mg/lit.	7.12	≤1000	APHA-23 rd Edition 2017 4500-E-SO ₄ ²⁻
8.	Oil & Grease	mg/lit.	BDL	≤10.0	APHA 23 rd Edition 2017 5520 B

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TEST REPORT		Page 1 of 1	
NAME OF COMPANY & ADDRESS: M/s. Bhima Shankar Sahakari Sakhar Karkhana Ltd. Dattatraynagar, Pargaon Village-Awasari Bk. Tal.- Ambegaon, Dist. - Pune-412406		Report No	AL/TR/39-992/2021-22
		Report Date	03/04/2021
		Inward No	3-458
		Inward Date	28/03/2021
Sample Detail	ETP Outlet	Analysis Start date	30/03/2021
Sample Collected By	Party	Analysis End date	02/04/2021
Sample Volume	3000 ml	Sample Condition	Fit For Analysis

Sr. No.	Parameter	Unit	Result	Limits as Per MPCB Consent	Method
1.	pH@25° C	-----	8.10	5.5-9.0	IS 3025 (Part 11) RA 2012 Electrometric method
2.	Total Suspended Solids	mg/lit.	8.00	≤100	IS 3025 (Part 17) RA 2012 Gravimetric method
3.	Total Dissolved Solids	mg/lit.	1343	≤2100	IS 3025 (Part 16) RA 2012 Gravimetric method
4.	Chemical Oxygen Demand	mg/lit.	64.0	≤250	IS 3025 (Part 58) RA 2012 Open Reflux Method
5.	BOD @27° C For 3 Days	mg/lit.	21.0	≤100	IS 3025 (Part 44) RA 2014 Azide Modification Method
6.	Chlorides as Cl	mg/lit.	104	≤600	IS 3025 (Part 32) RA 2009 Argentometric method
7.	Oil & Grease	mg/lit.	BDL	≤10.0	APHA 23 rd Edition 2017 5520 B
8.	Sulphate as SO ₄ ²⁻	mg/lit.	9.83	≤1000	APHA-23 rd Edition 2017 4500-E-SO ₄ ²⁻

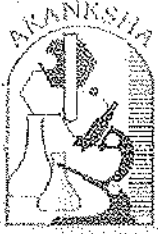
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TEST REPORT		Page 1 of 1	
NAME OF COMPANY & ADDRESS: M/s. Bhima Shankar Sahakari Sakhar Karkhana Ltd. Dattatraynagar, Pargaon Village-Awasari Bk. Tal.- Ambegaon, Dist. - Pune-412406		Report No	AI/FR/40-313/2021-22
		Report Date	30/04/2021
		Inward No	4-314
		Inward Date	23/04/2021
Sample Detail	ETP Outlet	Analysis Start date	24/04/2021
Sample Collected By	Party	Analysis End date	28/04/2021
Sample Volume	3000 ml	Sample Condition	Fit For Analysis

Sr. No.	Parameter	Unit	Result	Limits as Per MPCB Consent	Method
1.	pH@25° C	-----	7.83	5.5-9.0	IS 3025 (Part 11) RA 2012 Electrometric method
2.	Total Suspended Solids	mg/lit.	10.0	≤100	IS 3025 (Part 17) RA 2012 Gravimetric method
3.	Total Dissolved Solids	mg/lit.	1397	≤2100	IS 3025 (Part 16) RA 2012 Gravimetric method
4.	Chemical Oxygen Demand	mg/lit.	63.2	≤250	IS 3025 (Part 58) RA 2012 Open Reflux Method
5.	BOD @27° C For 3 Days	mg/lit.	21.0	≤100	IS 3025 (Part 44) RA 2014 Azide Modification Method
6.	Chlorides as Cl	mg/lit.	44.6	≤600	IS 3025 (Part 32) RA 2009 Argentometric method
7.	Oil & Grease	mg/lit.	BDL	≤10.0	APHA 23 rd Edition 2017 5520 B
8.	Sulphate as SO ₄ ²⁻	mg/lit.	4.75	≤1000	APHA-23 rd Edition 2017 4500-E-SO ₄ ²⁻

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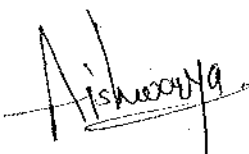
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ANALYSIS REPORT FOR AMBIENT AIR QUALITY MONITORING		Page 1 of 1	
NAME OF COMPANY:- M/s. Bhima Sahankar Sahakari Sakhar Karkhana Ltd. Dattatraynagar, Pargaon, Village-Awasari Bk., Tal. - Ambegaon, Dist. - Pune-412 406		Report No	AL/TR/57-296/20-21
		Report Date	07/12/2020
		Inward No	AL/6-855/04/20-21
		Inward Date	28/11/2020
Sample Location	North side-Near Shingave fata hotel	Sampling Time	11:30 AM
Sample Collected By	AARL	Time duration	08 Hr

SR.NO.	PARAMETER	UNIT	RESULT	LIMITS	METHOD
1.	Ambient Temperature	°C	33.0	N.S.	EPA -454/R-99-005
2.	Relative Humidity	% rh	41	N.S.	EPA -454/R-99-005
3.	Sulphur Dioxide (SO ₂)	µg/m ³	15.96	≤ 80	IS:5182(Part-2):2001
4.	Oxides of Nitrogen (NO _x)	µg/m ³	17.03	≤ 80	IS:5182(Part-6):2006
5.	Particulate matter-PM ₁₀ (less than 10 micron)	µg/m ³	66.02	≤ 100	IS:5182(Part-23):2006
6.	Particulate matter-PM _{2.5} (less than 2.5 micron)	µg/m ³	17.03	≤ 60	IS:5182(Part-23):2006
7.	Ozone (O ₃)	µg/m ³	16.98	≤ 180	IS:5182(Part-9):1974
8.	Lead (Pb)	µg/m ³	BDL	≤ 1.0	IS:5182(Part 22):2004
9.	Carbon Monoxide (CO)	mg/m ³	00.99	≤ 04	IS:5182(Part-10):1999
10.	Ammonia as (NH ₃)	µg/m ³	BDL	≤ 400	Method No.401,(Indophenols method)Method Of Air Sampling,3 rd Edition
11.	Benzene (C ₆ H ₆)	µg/m ³	BDL	≤ 05	IS:5182 (Part 11):2006
12.	Benzo(a)Pyrene (BaP)	ng/m ³	BDL	≤ 01	IS:5182 (Part 12):2004
13.	Arsenic (As)	ng/m ³	BDL	≤ 06	IS:3025 (PART-37)
14.	Nickel (Ni)	ng/m ³	BDL	≤ 20	IS:3025 (PART-54) 2003

REMARK, OPINION & INTERPRITATION-

- ❖ All above results are within limits as per (NAAQS) National Ambient Air Quality Standards 2009.
- ❖ BDL-Below Detectable Limit.
- ❖ N.S. -Not Specified


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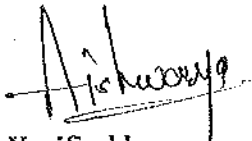
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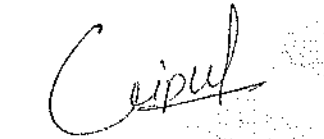
ANALYSIS REPORT FOR AMBIENT AIR QUALITY MONITORING		Page 1 of 1	
NAME OF COMPANY:- M/s. Bhima Sahankar Sahakari Sakhar Karkhana Ltd. Dattatraynagar, Pargaon, Village-Awasari Bk., Tal. -Ambegaon, Dist.- Pune-412 406		Report No	AL/TR/57-295/20-21
		Report Date	07/12/2020
		Inward No	AL/6-855/03/20-21
		Inward Date	28/11/2020
Sample Location	South Side- Near Yogesh Pingale house	Sampling Time	11:15 AM
Sample Collected By	AARL	Time duration	08 Hr

SR.NO.	PARAMETER	UNIT	RESULT	LIMITS	METHOD
1.	Ambient Temperature	°C	32.5	N.S.	EPA -454/R-99-005
2.	Relative Humidity	% rh	42	N.S.	EPA -454/R-99-005
3.	Sulphur Dioxide (SO ₂)	µg/m ³	10.06	≤ 80	IS:5182(Part-2):2001
4.	Oxides of Nitrogen (NO _x)	µg/m ³	10.27	≤ 80	IS:5182(Part-6):2006
5.	Particulate matter-PM ₁₀ (less than 10 micron)	µg/m ³	56.17	≤ 100	IS:5182(Part-23):2006
6.	Particulate matter-PM _{2.5} (less than 2.5 micron)	µg/m ³	16.93	≤ 60	IS:5182(Part-23):2006
7.	Ozone (O ₃)	µg/m ³	17.22	≤ 180	IS:5182(Part-9):1974
8.	Lead (Pb)	µg/m ³	BDL	≤ 1.0	IS:5182(Part-22):2004
9.	Carbon Monoxide (CO)	mg/m ³	00.81	≤ 04	IS:5182(Part-10):1999
10.	Ammonia as (NH ₃)	µg/m ³	BDL	≤ 400	Method No.401,(Indophenols method)Method Of Air Sampeling,3 rd Edition
11.	Benzene (C ₆ H ₆)	µg/m ³	BDL	≤ 05	IS:5182 (Part 11):2006
12.	Benzo(a)Pyrene (BaP)	ng/m ³	BDL	≤ 01	IS:5182 (Part 12):2004
13.	Arsenic (As)	ng/m ³	BDL	≤ 06	IS:3025 (PART-37)
14.	Nickel (Ni)	ng/m ³	BDL	≤ 20	IS:3025 (PART-54) 2003

REMARK, OPINION & INTERPRITATION-

- ❖ All above results are within limits as per (NAAQS) National Ambient Air Quality Standards 2009.
- ❖ BDL-Below Detectable Limit.
- ❖ N.S. -Not Specified


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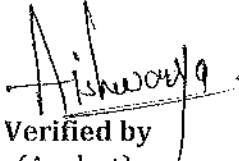
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NAME OF COMPANY:- M/s. Bhima Sahankar Sahakari Sakhar Karkhana Ltd. Dattatraynagar, Pargaon, Village-Awasari Bk., Tal. - Ambegaon, Dist. - Pune-412 406		Report No	AL/TR/57-294/20-21
		Report Date	07/12/2020
		Inward No	AL/6-855/02/20-21
		Inward Date	28/11/2020
Sample Location	West side-Near Nivrutti Dhobale house	Sampling Time	11:40 AM
Sample Collected By	AARL	Time duration	08 Hr

SR.NO.	PARAMETER	UNIT	RESULT	LIMITS	METHOD
1.	Ambient Temperature	°C	32.1	N.S.	EPA -454/R-99-005
2.	Relative Humidity	% rh	46	N.S.	EPA -454/R-99-005
3.	Sulphur Dioxide (SO ₂)	µg/m ³	12.03	≤ 80	IS:5182(Part-2):2001
4.	Oxides of Nitrogen (NO _x)	µg/m ³	09.57	≤ 80	IS:5182(Part-6):2006
5.	Particulate matter-PM ₁₀ (less than 10 micron)	µg/m ³	66.58	≤ 100	IS:5182(Part-23):2006
6.	Particulate matter-PM _{2.5} (less than 2.5 micron)	µg/m ³	17.62	≤ 60	IS:5182(Part-23):2006
7.	Ozone (O ₃)	µg/m ³	18.05	≤ 180	IS:5182(Part-9):1974
8.	Lead (Pb)	µg/m ³	BDL	≤ 1.0	IS:5182(Part-22):2004
9.	Carbon Monoxide (CO)	mg/m ³	00.84	≤ 04	IS:5182(Part-10):1999
10.	Ammonia as (NH ₃)	µg/m ³	BDL	≤ 400	Method No.401,(Indophenols method)Method Of Air Sampeling,3 rd Edition
11.	Benzene (C ₆ H ₆)	µg/m ³	BDL	≤ 05	IS:5182 (Part 11):2006
12.	Benzo(a)Pyrene (BaP)	ng/m ³	BDL	≤ 01	IS:5182 (Part 12):2004
13.	Arsenic (As)	ng/m ³	BDL	≤ 06	IS:3025 (PART-37)
14.	Nickel (Ni)	ng/m ³	BDL	≤ 20	IS:3025 (PART-54) 2003

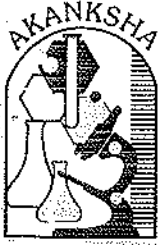
REMARK, OPINION & INTERPRITATION-

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- ❖ N.S. -Not Specified


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		Report Date	07/12/2020
		Inward No	AL/6-855/01/20-21
		Inward Date	28/11/2020
Sample Location	East Side- Near Dnyaneshwar Dhobale (Mauli) House	Sampling Time	11:00 AM
Sample Collected By	AARL	Time duration	08 Hr

SR.NO.	PARAMETER	UNIT	RESULT	LIMITS	METHOD
1.	Ambient Temperature	°C	32.0	N.S.	EPA -454/R-99-005
2.	Relative Humidity	% rh	48	N.S.	EPA -454/R-99-005
3.	Sulphur Dioxide (SO ₂)	µg/m ³	10.27	≤ 80	IS:5182(Part-2):2001
4.	Oxides of Nitrogen (NO _x)	µg/m ³	15.03	≤ 80	IS:5182(Part-6):2006
5.	Particulate matter-PM ₁₀ (less than 10 micron)	µg/m ³	59.30	≤ 100	IS:5182(Part-23):2006
6.	Particulate matter-PM _{2.5} (less than 2.5 micron)	µg/m ³	20.42	≤ 60	IS:5182(Part-23):2006
7.	Ozone (O ₃)	µg/m ³	19.36	≤ 180	IS:5182(Part-9):1974
8.	Lead (Pb)	µg/m ³	BDL	1.0	IS:5182(Part-22):2004
9.	Carbon Monoxide (CO)	mg/m ³	00.98	≤ 04	IS:5182(Part-10):1999
10.	Ammonia as (NH ₃)	µg/m ³	BDL	≤ 400	Method No.401,(Indophenols method)Method Of Air Sampeling,3 rd Edition
11.	Benzene (C ₆ H ₆)	µg/m ³	BDL	≤ 05	IS:5182 (Part 11):2006
12.	Benzo(a)Pyrene (BaP)	ng/m ³	BDL	≤ 01	IS:5182 (Part 12):2004
13.	Arsenic (As)	ng/m ³	BDL	≤ 06	IS:3025 (PART-37)
14.	Nickel (Ni)	ng/m ³	BDL	≤ 20	IS:3025 (PART-54) 2003

REMARK, OPINION & INTERPRITATION-

- ❖ All above results are within limits as per (NAAQS) National Ambient Air Quality Standards 2009.
- ❖ BDL-Below Detectable Limit.
- ❖ N.S. -Not Specified

Aishwarya

Verified by
(Analyst)

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...End of test report...



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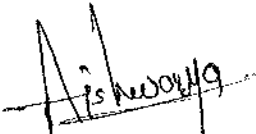
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ANALYSIS REPORT FOR AMBIENT AIR QUALITY MONITORING		Page 1 of 1	
NAME OF COMPANY:- M/s. Bhima Sahankar Sahakari Sakhar Karkhana Ltd. Dattatraynagar, Pargaon, Village-Awasari Bk., Tal. - Ambegaon, Dist. - Pune-412 406		Report No	AL/TR/57-297/20-21
		Report Date	07/12/2020
		Inward No	AL/6-855/05/20-21
		Inward Date	28/11/2020
Sample Location	Near Main Gate (Company Premises)	Sampling Time	12:00 PM
Sample Collected By	AARL	Time duration	08 Hr

SR.NO.	PARAMETER	UNIT	RESULT	LIMITS	METHOD
1.	Ambient Temperature	°C	34.0	N.S.	EPA -454/R-99-005
2.	Relative Humidity	% rh	42	N.S.	EPA -454/R-99-005
3.	Sulphur Dioxide (SO ₂)	µg/m ³	18.67	≤ 80	IS:5182(Part-2):2001
4.	Oxides of Nitrogen (NO _x)	µg/m ³	15.04	≤ 80	IS:5182(Part-6):2006
5.	Particulate matter-PM ₁₀ (less than 10 micron)	µg/m ³	65.12	≤ 100	IS:5182(Part-23):2006
6.	Particulate matter-PM _{2.5} (less than 2.5 micron)	µg/m ³	20.82	≤ 60	IS:5182(Part-23):2006
7.	Ozone (O ₃)	µg/m ³	18.01	≤ 180	IS:5182(Part-9):1974
8.	Lead (Pb)	µg/m ³	BDL	≤ 1.0	IS:5182(Part-22):2004
9.	Carbon Monoxide (CO)	mg/m ³	01.23	≤ 04	IS:5182(Part-10):1999
10.	Ammonia as (NH ₃)	µg/m ³	BDL	≤ 400	Method No.401,(Indophenols method)Method Of Air Samping,3 rd Edition
11.	Benzene (C ₆ H ₆)	µg/m ³	BDL	≤ 05	IS:5182 (Part 11):2006
12.	Benzo(a)Pyrene (BaP)	ng/m ³	BDL	≤ 01	IS:5182 (Part 12):2004
13.	Arsenic (As)	ng/m ³	BDL	≤ 06	IS:3025 (PART-37)
14.	Nickel (Ni)	ng/m ³	BDL	≤ 20	IS:3025 (PART-54) 2003

REMARK, OPINION & INTERPRITATION-

- ❖ All above results are within limits as per (NAAQS) National Ambient Air Quality Standards 2009.
- ❖ BDL-Below Detectable Limit.
- ❖ N.S. -Not Specified


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...End of test report...





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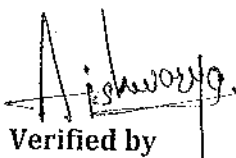
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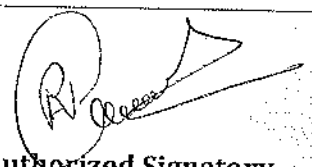
ANALYSIS REPORT FOR AMBIENT AIR QUALITY MONITORING		Page 1 of 1	
NAME OF COMPANY:- M/s. Bhima Shankar Sahakari Sakhar Karkhana Ltd. Dattatraynagar, Pargaon, Village-Awasari Bk, Tal. - Ambegaon, Dist. - Pune-412 406		Report No	AL/TR/57-936/20-21
		Report Date	08/01/2021
		Inward No	AL/6-905/ 01/20-21
		Inward Date	30/12/2020
Sample Location	South East Colony Area	Sampling Time	11:00 AM
Sample Collected By	AARL	Time duration	08 Hr

SR.NO.	PARAMETER	UNIT	RESULT	LIMITS	METHOD
1.	Ambient Temperature	°C	29.0	N.S.	EPA -454/R-99-005
2.	Relative Humidity	% rh	58	N.S.	EPA -454/R-99-005
3.	Sulphur Dioxide (SO ₂)	µg/m ³	10.34	≤ 80	IS:5182(Part-2):2001
4.	Oxides of Nitrogen (NO _x)	µg/m ³	15.21	≤ 80	IS:5182(Part-6):2006
5.	Particulate matter-PM ₁₀ (less than 10 micron)	µg/m ³	57.56	≤ 100	IS:5182(Part-23):2006
6.	Particulate matter-PM _{2.5} (less than 2.5 micron)	µg/m ³	20.65	≤ 60	IS:5182(Part-23):2006
7.	Ozone (O ₃)	µg/m ³	18.12	≤ 180	IS:5182(Part-9):1974
8.	Lead (Pb)	µg/m ³	BDL	1.0	IS:5182(Part-22):2004
9.	Carbon Monoxide (CO)	mg/m ³	01.05	≤ 04	IS:5182(Part-10):1999
10.	Ammonia as (NH ₃)	µg/m ³	BDL	≤ 400	Method No.401,(Indophenols method)Method Of Air Sampling,3 rd Edition
11.	Benzene (C ₆ H ₆)	µg/m ³	BDL	≤ 05	IS:5182 (Part 11):2006
12.	Benzo(a)Pyrene (BaP)	ng/m ³	BDL	≤ 01	IS:5182 (Part 12):2004
13.	Arsenic (As)	ng/m ³	BDL	≤ 06	IS:3025 (PART-37)
14.	Nickel (Ni)	ng/m ³	BDL	≤ 20	IS:3025 (PART-54) 2003

REMARK, OPINION & INTERPRITATION-

- ❖ All above results are within limits as per (NAAQS) National Ambient Air Quality Standards 2009.
- ❖ BDL-Below Detectable Limit.
- ❖ N.S. -Not Specified


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(Analyst)


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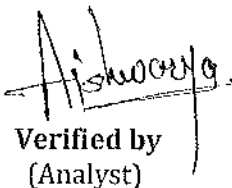
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- ISO 45001 : 2018 Certified Organization

ANALYSIS REPORT FOR AMBIENT AIR QUALITY MONITORING		Page 1 of 1	
NAME OF COMPANY:- M/s. Bhima Shankar Sahakari Sakhar Karkhana Ltd. Dattatraynagar, Pargaon, Village-Awasari Bk., Tal. - Ambegaon, Dist. - Pune-412 406		Report No	AL/TR/57-937/20-21
		Report Date	08/01/2021
		Inward No	AL/6-905/02/20-21
		Inward Date	30/12/2020
Sample Location	South West side-Ramakant Jadhav	Sampling Time	11:20 AM
Sample Collected By	AARL	Time duration	08 Hr

SR.NO.	PARAMETER	UNIT	RESULT	LIMITS	METHOD
1.	Ambient Temperature	°C	30.0	N.S.	EPA -454/R-99-005
2.	Relative Humidity	% rh	50	N.S.	EPA -454/R-99-005
3.	Sulphur Dioxide (SO ₂)	µg/m ³	12.31	≤ 80	IS:5182(Part-2):2001
4.	Oxides of Nitrogen (NO _x)	µg/m ³	09.88	≤ 80	IS:5182(Part-6):2006
5.	Particulate matter-PM ₁₀ (less than 10 micron)	µg/m ³	63.25	≤ 100	IS:5182(Part-23):2006
6.	Particulate matter-PM _{2.5} (less than 2.5 micron)	µg/m ³	17.89	≤ 60	IS:5182(Part-23):2006
7.	Ozone (O ₃)	µg/m ³	18.41	≤ 180	IS:5182(Part-9):1974
8.	Lead (Pb)	µg/m ³	BDL	≤ 1.0	IS:5182(Part-22):2004
9.	Carbon Monoxide (CO)	mg/m ³	00.94	≤ 04	IS:5182(Part-10):1999
10.	Ammonia as (NH ₃)	µg/m ³	BDL	≤ 400	Method No.401,(Indophenols method)Method Of Air Sampeling,3 rd Edition
11.	Benzene (C ₆ H ₆)	µg/m ³	BDL	≤ 05	IS:5182 (Part 11):2006
12.	Benzo(a)Pyrene (BaP)	ng/m ³	BDL	≤ 01	IS:5182 (Part 12):2004
13.	Arsenic (As)	ng/m ³	BDL	≤ 06	IS:3025 (PART-37)
14.	Nickel (Ni)	ng/m ³	BDL	≤ 20	IS:3025 (PART-54) 2003

REMARK, OPINION & INTERPRITATION-

- ❖ All above results are within limits as per (NAAQS) National Ambient Air Quality Standards 2009.
- ❖ BDL-Below Detectable Limit.
- ❖ N.S. -Not Specified


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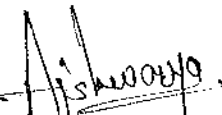
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ANALYSIS REPORT FOR AMBIENT AIR QUALITY MONITORING		Page 1 of 1	
NAME OF COMPANY:- M/s. Bhima Shankar Sahakari Sakhar Karkhana Ltd. Dattatraynagar, Pargaon, Village-Awasari Bk., Tal. -Ambegaon, Dist.- Pune-412 406		Report No	AL/TR/57-938/20-21
		Report Date	08/01/2021
		Inward No	AL/6-905/03/20-21
		Inward Date	30/12/2020
Sample Location	North East -Vittal Dhobale	Sampling Time	11:35 AM
Sample Collected By	AARL	Time duration	08 Hr

SR.NO.	PARAMETER	UNIT	RESULT	LIMITS	METHOD
1.	Ambient Temperature	°C	30.0	N.S.	EPA -454/R-99-005
2.	Relative Humidity	% rh	50	N.S.	EPA -454/R-99-005
3.	Sulphur Dioxide (SO ₂)	µg/m ³	12.13	≤ 80	IS:5182(Part-2):2001
4.	Oxides of Nitrogen (NO _x)	µg/m ³	14.54	≤ 80	IS:5182(Part-6):2006
5.	Particulate matter-PM ₁₀ (less than 10 micron)	µg/m ³	49.63	≤ 100	IS:5182(Part-23):2006
6.	Particulate matter-PM _{2.5} (less than 2.5 micron)	µg/m ³	16.71	≤ 60	IS:5182(Part-23):2006
7.	Ozone (O ₃)	µg/m ³	17.98	≤ 180	IS:5182(Part-9):1974
8.	Lead (Pb)	µg/m ³	BDL	≤ 1.0	IS:5182(Part-22):2004
9.	Carbon Monoxide (CO)	mg/m ³	00.96	≤ 04	IS:5182(Part-10):1999
10.	Ammonia as (NH ₃)	µg/m ³	BDL	≤ 400	Method No.401,(Indophenols method)Method Of Air Samping,3 rd Edition
11.	Benzene (C ₆ H ₆)	µg/m ³	BDL	≤ 05	IS:5182 (Part 11):2006
12.	Benzo(a)Pyrene (BaP)	ng/m ³	BDL	≤ 01	IS:5182 (Part 12):2004
13.	Arsenic (As)	ng/m ³	BDL	≤ 06	IS:3025 (PART-37)
14.	Nickel (Ni)	ng/m ³	BDL	≤ 20	IS:3025 (PART-54) 2003

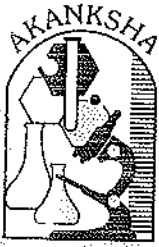
REMARK,OPINION & INTERPRITATION-

- ❖ All above results are within limits as per (NAAQS) National Ambient Air Quality Standards 2009.
- ❖ BDL-Below Detectable Limit.
- ❖ N.S. -Not Specified


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(Analyst)


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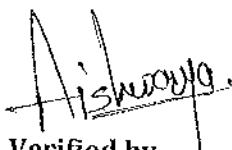
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ANALYSIS REPORT FOR AMBIENT AIR QUALITY MONITORING		Page 1 of 1	
NAME OF COMPANY:- M/s. Bhima Shankar Sahakari Sakhar Karkhana Ltd. Dattatraynagar, Pargaon, Village-Awasari Bk., Tal. - Ambegaon, Dist. - Pune-412 406		Report No	AL/TR/57-939/20-21
		Report Date	08/01/2021
		Inward No	AL/6-905/04/20-21
		Inward Date	30/12/2020
Sample Location	North west - Taniskha Hotel / Lowns	Sampling Time	11:50 AM
Sample Collected By	AARL	Time duration	08 Hr

SR.NO.	PARAMETER	UNIT	RESULT	LIMITS	METHOD
1.	Ambient Temperature	°C	31.0	N.S.	EPA -454/R-99-005
2.	Relative Humidity	% rh	51	N.S.	EPA -454/R-99-005
3.	Sulphur Dioxide (SO ₂)	µg/m ³	16.22	≤ 80	IS:5182(Part-2):2001
4.	Oxides of Nitrogen (NO _x)	µg/m ³	18.31	≤ 80	IS:5182(Part-6):2006
5.	Particulate matter-PM ₁₀ (less than 10 micron)	µg/m ³	64.57	≤ 100	IS:5182(Part-23):2006
6.	Particulate matter-PM _{2.5} (less than 2.5 micron)	µg/m ³	18.63	≤ 60	IS:5182(Part-23):2006
7.	Ozone (O ₃)	µg/m ³	17.21	≤ 180	IS:5182(Part-9):1974
8.	Lead (Pb)	µg/m ³	BDL	≤ 1.0	IS:5182(Part-22):2004
9.	Carbon Monoxide (CO)	mg/m ³	01.14	≤ 04	IS:5182(Part-10):1999
10.	Ammonia as (NH ₃)	µg/m ³	BDL	≤ 400	Method No.401,(Indophenols method)Method Of Air Sampeling,3 rd Edition
11.	Benzene (C ₆ H ₆)	µg/m ³	BDL	≤ 05	IS:5182 (Part 11):2006
12.	Benzo(a)Pyrene (BaP)	ng/m ³	BDL	≤ 01	IS:5182 (Part 12):2004
13.	Arsenic (As)	ng/m ³	BDL	≤ 06	IS:3025 (PART-37)
14.	Nickel (Ni)	ng/m ³	BDL	≤ 20	IS:3025 (PART-54) 2003

REMARK, OPINION & INTERPRITATION-

- ❖ All above results are within limits as per (NAAQS) National Ambient Air Quality Standards 2009.
- ❖ BDL-Below Detectable Limit.
- ❖ N.S. -Not Specified


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(Analyst)


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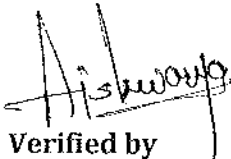
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ANALYSIS REPORT FOR AMBIENT AIR QUALITY MONITORING		Page 1 of 1	
NAME OF COMPANY:- M/s. Bhima Shankar Sahakari Sakhar Karkhana Ltd. Dattatraynagar, Pargaon, Village-Awasari Bk., Tal. - Ambegaon, Dist. - Pune-412 406		Report No	AL/TR/57-940/20-21
		Report Date	08/01/2021
		Inward No	AL/6-905/05/20-21
		Inward Date	30/12/2020
Sample Location	Kata Gate (Company Premises)	Sampling Time	12:00 PM
Sample Collected By	AARL	Time duration	08 Hr

SR.NO.	PARAMETER	UNIT	RESULT	LIMITS	METHOD
1.	Ambient Temperature	°C	32.0	N.S.	EPA -454/R-99-005
2.	Relative Humidity	% rh	49	N.S.	EPA -454/R-99-005
3.	Sulphur Dioxide (SO ₂)	µg/m ³	18.79	≤ 80	IS:5182(Part-2):2001
4.	Oxides of Nitrogen (NO _x)	µg/m ³	15.34	≤ 80	IS:5182(Part-6):2006
5.	Particulate matter-PM ₁₀ (less than 10 micron)	µg/m ³	79.23	≤ 100	IS:5182(Part-23):2006
6.	Particulate matter-PM _{2.5} (less than 2.5 micron)	µg/m ³	25.45	≤ 60	IS:5182(Part-23):2006
7.	Ozone (O ₃)	µg/m ³	18.36	≤ 180	IS:5182(Part-9):1974
8.	Lead (Pb)	µg/m ³	BDL	≤ 1.0	IS:5182(Part-22):2004
9.	Carbon Monoxide (CO)	mg/m ³	01.41	≤ 04	IS:5182(Part-10):1999
10.	Ammonia as (NH ₃)	µg/m ³	BDL	≤ 400	Method No.401,(Indophenols method)Method Of Air Sampling,3 rd Edition
11.	Benzene (C ₆ H ₆)	µg/m ³	BDL	≤ 05	IS:5182 (Part 11):2006
12.	Benzo(a)Pyrene (BaP)	ng/m ³	BDL	≤ 01	IS:5182 (Part 12):2004
13.	Arsenic (As)	ng/m ³	BDL	≤ 06	IS:3025 (PART-37)
14.	Nickel (Ni)	ng/m ³	BDL	≤ 20	IS:3025 (PART-54) 2003

REMARK, OPINION & INTERPRITATION-

- ❖ All above results are within limits as per (NAAQS) National Ambient Air Quality Standards 2009.
- ❖ BDL-Below Detectable Limit.
- ❖ N.S. -Not Specified


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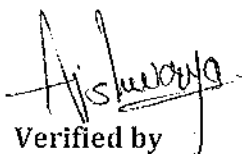
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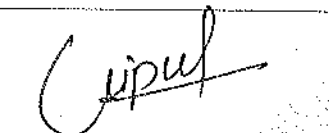
ANALYSIS REPORT FOR AMBIENT AIR QUALITY MONITORING		Page 1 of 1	
NAME OF COMPANY:- M/s. Rhima Shankar Sahakari Sakhar Karkhana Ltd. Dattatraynagar, Pargaon, Village-Awasari Bk., Tal. - Ambegaon, Dist. - Pune-412 406		Report No	AL/TR/58-231/20-21
		Report Date	04/02/2021
		Inward No	AL/6-929/01/20-21
		Inward Date	25/01/2021
Sample Location	South East Colony Area	Sampling Time	10:00AM
Sample Collected By	AARL	Time duration	08 Hr

SR.NO.	PARAMETER	UNIT	RESULT	LIMITS	METHOD
1.	Ambient Temperature	°C	29.0	N.S.	EPA -454/R-99-005
2.	Relative Humidity	% rh	55	N.S.	EPA -454/R-99-005
3.	Sulphur Dioxide (SO ₂)	µg/m ³	10.41	≤ 80	IS:5182(Part-2):2001
4.	Oxides of Nitrogen (NO _x)	µg/m ³	15.29	≤ 80	IS:5182(Part-6):2006
5.	Particulate matter-PM ₁₀ (less than 10 micron)	µg/m ³	57.67	≤ 100	IS:5182(Part-23):2006
6.	Particulate matter-PM _{2.5} (less than 2.5 micron)	µg/m ³	20.78	≤ 60	IS:5182(Part-23):2006
7.	Ozone (O ₃)	µg/m ³	18.31	≤ 180	IS:5182(Part-9):1974
8.	Lead (Pb)	µg/m ³	BDL	1.0	IS:5182(Part-22):2004
9.	Carbon Monoxide (CO)	mg/m ³	01.12	≤ 04	IS:5182(Part-10):1999
10.	Ammonia as (NH ₃)	µg/m ³	BDL	≤ 400	Method No.401,(Indophenols method)Method Of Air Samping,3 rd Edition
11.	Benzene (C ₆ H ₆)	µg/m ³	BDL	≤ 05	IS:5182 (Part 11):2006
12.	Benzo(a)Pyrene (BaP)	ng/m ³	BDL	≤ 01	IS:5182 (Part 12):2004
13.	Arsenic (As)	ng/m ³	BDL	≤ 06	IS:3025 (PART-37)
14.	Nickel (Ni)	ng/m ³	BDL	≤ 20	IS:3025 (PART-54) 2003

REMARK, OPINION & INTERPRITATION-

- ❖ All above results are within limits as per (NAAQS) National Ambient Air Quality Standards 2009.
- ❖ BDL-Below Detectable Limit.
- ❖ N.S. -Not Specified


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ANALYSIS REPORT FOR AMBIENT AIR QUALITY MONITORING		Page 1 of 1
NAME OF COMPANY:- M/s. Bhima Shankar Sahakari Sakhar Karkhana Ltd. Dattatraynagar, Pargaon, Village-Awasari Bk., Tal. - Ambegaon, Dist. - Pune-412 406		Report No AL/TR/58-232/20-21
		Report Date 04/02/2021
		Inward No AL/6-929/02/20-21
		Inward Date 25/01/2021
Sample Location	South West side-Ramakant Jadhav	Sampling Time 10:10AM
Sample Collected By	AARI.	Time duration 08 Hr

SR.NO.	PARAMETER	UNIT	RESULT	LIMITS	METHOD
1.	Ambient Temperature	°C	29.0	N.S.	EPA -454/R-99-005
2.	Relative Humidity	% rh	55	N.S.	EPA -454/R-99-005
3.	Sulphur Dioxide (SO ₂)	µg/m ³	12.39	≤ 80	IS:5182(Part-2):2001
4.	Oxides of Nitrogen (NO _x)	µg/m ³	09.96	≤ 80	IS:5182(Part-6):2006
5.	Particulate matter-PM ₁₀ (less than 10 micron)	µg/m ³	63.64	≤ 100	IS:5182(Part-23):2006
6.	Particulate matter-PM _{2.5} (less than 2.5 micron)	µg/m ³	18.21	≤ 60	IS:5182(Part-23):2006
7.	Ozone (O ₃)	µg/m ³	18.56	≤ 180	IS:5182(Part-9):1974
8.	Lead (Pb)	µg/m ³	BDL	≤ 1.0	IS:5182(Part-22):2004
9.	Carbon Monoxide (CO)	mg/m ³	01.05	≤ 04	IS:5182(Part-10):1999
10.	Ammonia as (NH ₃)	µg/m ³	BDL	≤ 400	Method No.401,(Indophenols method)Method Of Air Sampeling,3 rd Edition
11.	Benzene (C ₆ H ₆)	µg/m ³	BDL	≤ 05	IS:5182 (Part 11):2006
12.	Benzo(a)Pyrene (BaP)	ng/m ³	BDL	≤ 01	IS:5182 (Part 12):2004
13.	Arsenic (As)	ng/m ³	BDL	≤ 06	IS:3025 (PART-37)
14.	Nickel (Ni)	ng/m ³	BDL	≤ 20	IS:3025 (PART-54) 2003

REMARK, OPINION & INTERPRITATION-

- ❖ All above results are within limits as per (NAAQS) National Ambient Air Quality Standards 2009.
- ❖ BDL-Below Detectable Limit.
- ❖ N.S. -Not Specified

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...End of test report...



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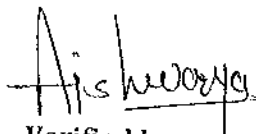
- Recognized by Ministry of Environment Forest and Climate Change (MoEFCC), New Delhi
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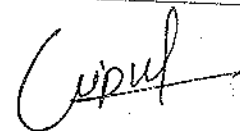
ANALYSIS REPORT FOR AMBIENT AIR QUALITY MONITORING		Page 1 of 1
NAME OF COMPANY:- M/s. Bhima Shankar Sahakari Sakhar Karkhana Ltd. Dattatraynagar, Pargaon, Village-Awasari Bk., Tal. -Ambegaon, Dist.- Pune-412 406		Report No AL/TR/58-233/20-2
Sample Location North East - VittalDhobale		Report Date 04/02/2021
Sample Collected By AARL		Inward No AL/6-929/03/20-21
		Inward Date 25/01/2021
		Sampling Time 10:15AM
		Time duration 08 Hr

SR.NO.	PARAMETER	UNIT	RESULT	LIMITS	METHOD
1.	Ambient Temperature	°C	29.0	N.S.	EPA -454/R-99-005
2.	Relative Humidity	% rh	52	N.S.	EPA -454/R-99-005
3.	Sulphur Dioxide (SO ₂)	µg/m ³	12.23	≤ 80	IS:5182(Part-2):2001
4.	Oxides of Nitrogen (NO _x)	µg/m ³	14.69	≤ 80	IS:5182(Part-6):2006
5.	Particulate matter-PM ₁₀ (less than 10 micron)	µg/m ³	49.81	≤ 100	IS:5182(Part-23):2006
6.	Particulate matter-PM _{2.5} (less than 2.5 micron)	µg/m ³	16.86	≤ 60	IS:5182(Part-23):2006
7.	Ozone (O ₃)	µg/m ³	17.91	≤ 180	IS:5182(Part-9):1974
8.	Lead (Pb)	µg/m ³	BDL	≤ 1.0	IS:5182(Part-22):2004
9.	Carbon Monoxide (CO)	mg/m ³	01.08	≤ 04	IS:5182(Part-10):1999
10.	Ammonia as (NH ₃)	µg/m ³	BDL	≤ 400	Method No.401,(Indophenols method)Method Of Air Sampeling,3 rd Edition
11.	Benzene (C ₆ H ₆)	µg/m ³	BDL	≤ 05	IS:5182 (Part 11):2006
12.	Benzo(a)Pyrene (BaP)	ng/m ³	BDL	≤ 01	IS:5182 (Part 12):2004
13.	Arsenic (As)	ng/m ³	BDL	≤ 06	IS:3025 (PART-37)
14.	Nickel (Ni)	ng/m ³	BDL	≤ 20	IS:3025 (PART-54) 2003

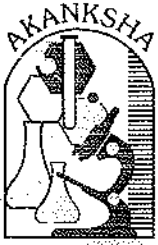
REMARK, OPINION & INTERPRITATION-

- ❖ All above results are within limits as per (NAAQS) National Ambient Air Quality Standards 2009.
- ❖ BDL-Below Detectable Limit.
- ❖ N.S. -Not Specified


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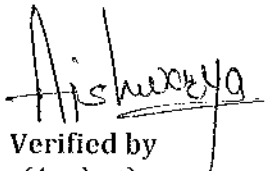
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ANALYSIS REPORT FOR AMBIENT AIR QUALITY MONITORING		Page 1 of 1	
NAME OF COMPANY:- M/s. Bhima Shankar Sahakari Sakhar Karkhana Ltd. Dattatraynagar, Pargaon, Village-Awasari Bk., Tal. - Ambegaon, Dist. - Pune-412 406		Report No	AL/TR/58-234/20-21
		Report Date	04/02/2021
		Inward No	AL/6-929/04/20-21
		Inward Date	25/01/2021
Sample Location	North west - Pingle Suresh	Sampling Time	10:20AM
Sample Collected By	AARL	Time duration	08 Hr

SR.NO.	PARAMETER	UNIT	RESULT	LIMITS	METHOD
1.	Ambient Temperature	°C	29.0	N.S.	EPA -454/R-99-005
2.	Relative Humidity	%rh	52	N.S.	EPA -454/R-99-005
3.	Sulphur Dioxide (SO ₂)	µg/m ³	16.10	≤ 80	IS:5182(Part-2):2001
4.	Oxides of Nitrogen (NO _x)	µg/m ³	18.25	≤ 80	IS:5182(Part-6):2006
5.	Particulate matter-PM ₁₀ (less than 10 micron)	µg/m ³	64.47	≤ 100	IS:5182(Part-23):2006
6.	Particulate matter-PM _{2.5} (less than 2.5 micron)	µg/m ³	18.54	≤ 60	IS:5182(Part-23):2006
7.	Ozone (O ₃)	µg/m ³	17.62	≤ 180	IS:5182(Part-9):1974
8.	Lead (Pb)	µg/m ³	BDL	≤ 1.0	IS:5182(Part-22):2004
9.	Carbon Monoxide (CO)	mg/m ³	01.21	≤ 04	IS:5182(Part-10):1999
10.	Ammonia as (NH ₃)	µg/m ³	BDL	≤ 400	Method No.401,(Indophenols method)Method Of Air Sampeling,3 rd Edition
11.	Benzene (C ₆ H ₆)	µg/m ³	BDL	≤ 05	IS:5182 (Part 11):2006
12.	Benzo(a)Pyrene (BaP)	ng/m ³	BDL	≤ 01	IS:5182 (Part 12):2004
13.	Arsenic (As)	ng/m ³	BDL	≤ 06	IS:3025 (PART-37)
14.	Nickel (Ni)	ng/m ³	BDL	≤ 20	IS:3025 (PART-54) 2003

REMARK, OPINION & INTERPRITATION-

- ❖ All above results are within limits as per (NAAQS) National Ambient Air Quality Standards 2009.
- ❖ BDL-Below Detectable Limit.
- ❖ N.S. -Not Specified


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ANALYSIS REPORT FOR AMBIENT AIR QUALITY MONITORING		Page 1 of 1	
NAME OF COMPANY:- M/s. Bhima Shankar Sahakari Sakhar Karkhana Ltd. Dattatraynagar, Pargaon, Village-Awasari Bk., Tal. - Ambegaon, Dist. - Pune-412 406		Report No	AL/TR/58-235/20-21
		Report Date	04/02/2021
		Inward No	AL/6-929/05/20-21
		Inward Date	25/01/2021
Sample Location	Main Gate (Company Premises)	Sampling Time	10:30 PM
Sample Collected By	AARL	Time duration	08 Hr

SR.NO.	PARAMETER	UNIT	RESULT	LIMITS	METHOD
1.	Ambient Temperature	°C	29.0	N.S.	EPA -454/R-99-005
2.	Relative Humidity	% rh	49	N.S.	EPA -454/R-99-005
3.	Sulphur Dioxide (SO ₂)	µg/m ³	18.81	≤ 80	IS:5182(Part-2):2001
4.	Oxides of Nitrogen (NO _x)	µg/m ³	15.78	≤ 80	IS:5182(Part-6):2006
5.	Particulate matter-PM ₁₀ (less than 10 micron)	µg/m ³	70.23	≤ 100	IS:5182(Part-23):2006
6.	Particulate matter-PM _{2.5} (less than 2.5 micron)	µg/m ³	24.36	≤ 60	IS:5182(Part-23):2006
7.	Ozone (O ₃)	µg/m ³	18.44	≤ 180	IS:5182(Part-9):1974
8.	Lead (Pb)	µg/m ³	BDL	≤ 1.0	IS:5182(Part-22):2004
9.	Carbon Monoxide (CO)	mg/m ³	01.46	≤ 04	IS:5182(Part-10):1999
10.	Ammonia as (NH ₃)	µg/m ³	BDL	≤ 400	Method No.401,(Indophenols method)Method Of Air Sampling, 3 rd Edition
11.	Benzene (C ₆ H ₆)	µg/m ³	BDL	≤ 05	IS:5182 (Part 11):2006
12.	Benzo(a)Pyrene (BaP)	ng/m ³	BDL	≤ 01	IS:5182 (Part 12):2004
13.	Arsenic (As)	ng/m ³	BDL	≤ 06	IS:3025 (PART-37)
14.	Nickel (Ni)	ng/m ³	BDL	≤ 20	IS:3025 (PART-54) 2003

REMARK, OPINION & INTERPRITATION-

- ❖ All above results are within limits as per (NAAQS) National Ambient Air Quality Standards 2009.
- ❖ BDL-Below Detectable Limit.
- ❖ N.S. -Not Specified

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(Analyst)

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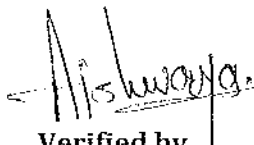
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- ISO 45001 : 2018 Certified Organization

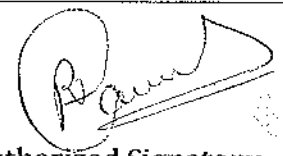
ANALYSIS REPORT FOR AMBIENT AIR QUALITY MONITORING		Page 1 of 1	
NAME OF COMPANY:- M/s. Bhima Sahankar Sabakari Sakhar Karkhana Ltd. Dattatraynagar, Pargaon, Village-Awasari Bk., Tal. - Ambegaon, Dist. - Pune-412 406		Report No	AL/TR/58-589/20-21
		Report Date	03/03/2021
		Inward No	AL/6-960/01/20-21
		Inward Date	22/02/2021
Sample Location	East Side- Mr. Ramesh Gaikwad	Sampling Time	10:50 AM
Sample Collected By	AARL	Time duration	08 Hr

SR.NO.	PARAMETER	UNIT	RESULT	LIMITS	METHOD
1.	Ambient Temperature	°C	30.0	N.S.	EPA -454/R-99-005
2.	Relative Humidity	% rh	50	N.S.	EPA -454/R-99-005
3.	Sulphur Dioxide (SO ₂)	µg/m ³	10.31	≤ 80	IS:5182(Part-2):2001
4.	Oxides of Nitrogen (NO _x)	µg/m ³	15.14	≤ 80	IS:5182(Part-6):2006
5.	Particulate matter-PM ₁₀ (less than 10 micron)	µg/m ³	59.68	≤ 100	IS:5182(Part-23):2006
6.	Particulate matter-PM _{2.5} (less than 2.5 micron)	µg/m ³	20.36	≤ 60	IS:5182(Part-23):2006
7.	Ozone (O ₃)	µg/m ³	19.23	≤ 180	IS:5182(Part-9):1974
8.	Lead (Pb)	µg/m ³	BDL	1.0	IS:5182(Part-22):2004
9.	Carbon Monoxide (CO)	mg/m ³	01.05	≤ 04	IS:5182(Part-10):1999
10.	Ammonia as (NH ₃)	µg/m ³	BDL	≤ 400	Method No.401,(Indophenols method)Method Of Air Sampling,3 rd Edition
11.	Benzene (C ₆ H ₆)	µg/m ³	BDL	≤ 05	IS:5182 (Part 11):2006
12.	Benzo(a)Pyrene (BaP)	ng/m ³	BDL	≤ 01	IS:5182 (Part 12):2004
13.	Arsenic (As)	ng/m ³	BDL	≤ 06	IS:3025 (PART-37)
14.	Nickel (Ni)	ng/m ³	BDL	≤ 20	IS:3025 (PART-54) 2003

REMARK, OPINION & INTERPRITATION-

- ❖ All above results are within limits as per (NAAQS) National Ambient Air Quality Standards 2009.
- ❖ BDL-Below Detectable Limit.
- ❖ N.S. -Not Specified


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ANALYSIS REPORT FOR AMBIENT AIR QUALITY MONITORING		Page 1 of 1	
NAME OF COMPANY:- M/s. Bhima Sahankar Sahakari Sakhar Karkhana Ltd. Dattatraynagar, Pargaon, Village-Awasari Bk., Tal. - Ambegaon, Dist. - Pune-412 406		Report No	AL/TR/58-590/20-21
		Report Date	03/03/2021
		Inward No	AL/6-960/02/20-21
		Inward Date	22/02/2021
Sample Location	West side-Mr.Balasaheb Dhobale	Sampling Time	11:15 AM
Sample Collected By	AARL	Time duration	08 Hr

SR.NO.	PARAMETER	UNIT	RESULT	LIMITS	METHOD
1.	Ambient Temperature	°C	30.0	N.S.	EPA -454/R-99-005
2.	Relative Humidity	% rh	47	N.S.	EPA -454/R-99-005
3.	Sulphur Dioxide (SO ₂)	µg/m ³	12.28	≤ 80	IS:5182(Part-2):2001
4.	Oxides of Nitrogen (NO _x)	µg/m ³	09.67	≤ 80	IS:5182(Part-6):2006
5.	Particulate matter-PM ₁₀ (less than 10 micron)	µg/m ³	58.78	≤ 100	IS:5182(Part-23):2006
6.	Particulate matter-PM _{2.5} (less than 2.5 micron)	µg/m ³	17.69	≤ 60	IS:5182(Part-23):2006
7.	Ozone (O ₃)	µg/m ³	18.17	≤ 180	IS:5182(Part-9):1974
8.	Lead (Pb)	µg/m ³	BDL	≤ 1.0	IS:5182(Part-22):2004
9.	Carbon Monoxide (CO)	mg/m ³	00.91	≤ 04	IS:5182(Part-10):1999
10.	Ammonia as (NH ₃)	µg/m ³	BDL	≤ 400	Method No.401,(Indophenols method)Method Of Air Sampeling,3 rd Edition
11.	Benzene (C ₆ H ₆)	µg/m ³	BDL	≤ 05	IS:5182 (Part 11):2006
12.	Benzo(a)Pyrene (BaP)	ng/m ³	BDL	≤ 01	IS:5182 (Part 12):2004
13.	Arsenic (As)	ng/m ³	BDL	≤ 06	IS:3025 (PART-37)
14.	Nickel (Ni)	ng/m ³	BDL	≤ 20	IS:3025 (PART-54) 2003

REMARK, OPINION & INTERPRITATION-

- ❖ All above results are within limits as per (NAAQS) National Ambient Air Quality Standards 2009.
- ❖ BDL-Below Detectable Limit.
- ❖ N.S. -Not Specified


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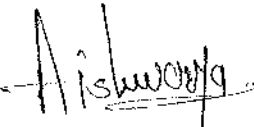
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ANALYSIS REPORT FOR AMBIENT AIR QUALITY MONITORING		Page 1 of 1	
NAME OF COMPANY:- M/s. Bhima Sahankar Sahakari Sakhar Karkhana Ltd.- Dattatraynagar, Pargaon, Village-Awasari Bk., Tal. -Ambegaon, Dist.- Pune-412 406		Report No	AL/TR/58-591/20-21
		Report Date	03/03/2021
		Inward No	AL/6-960/03/20-21
		Inward Date	22/02/2021
Sample Location	South Side- Mr. Ramdas Chavan	Sampling Time	11:40 AM
Sample Collected By	AARL	Time duration	08 Hr

SR.NO.	PARAMETER	UNIT	RESULT	LIMITS	METHOD
1.	Ambient Temperature	°C	32.0	N.S.	EPA -454/R-99-005
2.	Relative Humidity	% rh	44	N.S.	EPA -454/R-99-005
3.	Sulphur Dioxide (SO ₂)	µg/m ³	10.23	≤ 80	IS:5182(Part-2):2001
4.	Oxides of Nitrogen (NO _x)	µg/m ³	10.32	≤ 80	IS:5182(Part-6):2006
5.	Particulate matter-PM ₁₀ (less than 10 micron)	µg/m ³	56.47	≤ 100	IS:5182(Part-23):2006
6.	Particulate matter-PM _{2.5} (less than 2.5 micron)	µg/m ³	16.98	≤ 60	IS:5182(Part-23):2006
7.	Ozone (O ₃)	µg/m ³	17.34	≤ 180	IS:5182(Part-9):1974
8.	Lead (Pb)	µg/m ³	BDL	≤ 1.0	IS:5182(Part-22):2004
9.	Carbon Monoxide (CO)	mg/m ³	00.86	≤ 04	IS:5182(Part-10):1999
10.	Ammonia as (NH ₃)	µg/m ³	BDL	≤ 400	Method No.401,(Indophenols method)Method Of Air Sampeling, 3 rd Edition
11.	Benzene (C ₆ H ₆)	µg/m ³	BDL	≤ 05	IS:5182 (Part 11):2006
12.	Benzo(a)Pyrene (BaP)	ng/m ³	BDL	≤ 01	IS:5182 (Part 12):2004
13.	Arsenic (As)	ng/m ³	BDL	≤ 06	IS:3025 (PART-37)
14.	Nickel (Ni)	ng/m ³	BDL	≤ 20	IS:3025 (PART-54) 2003

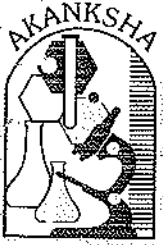
REMARK, OPINION & INTERPRITATION-

- ❖ All above results are within limits as per (NAAQS) National Ambient Air Quality Standards 2009.
- ❖ BDL-Below Detectable Limit.
- ❖ N.S. -Not Specified


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(Analyst)


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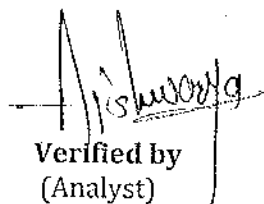
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ANALYSIS REPORT FOR AMBIENT AIR QUALITY MONITORING		Page 1 of 1	
NAME OF COMPANY:- M/s. Bhima Sahankar Sabakari Sakhar Karkhana Ltd. Dattatraynagar, Pargaon, Village-Awasari Bk., Tal. - Ambegaon, Dist. - Pune-412 406		Report No	AL/TR/58-592/20-21
		Report Date	03/03/2021
		Inward No	AL/6-960/04/20-21
		Inward Date	22/02/2021
Sample Location	North side-Mr.Gorakh Dhaytadak	Sampling Time	12:00 PM
Sample Collected By	AARL	Time duration	08 Hr

SR.NO.	PARAMETER	UNIT	RESULT	LIMITS	METHOD
1.	Ambient Temperature	°C	32.0	N.S.	EPA -454/R-99-005
2.	Relative Humidity	% rh	44	N.S.	EPA -454/R-99-005
3.	Sulphur Dioxide (SO ₂)	µg/m ³	16.02	≤ 80	IS:5182(Part-2):2001
4.	Oxides of Nitrogen (NO _x)	µg/m ³	17.31	≤ 80	IS:5182(Part-6):2006
5.	Particulate matter-PM ₁₀ (less than 10 micron)	µg/m ³	56.22	≤ 100	IS:5182(Part-23):2006
6.	Particulate matter-PM _{2.5} (less than 2.5 micron)	µg/m ³	17.15	≤ 60	IS:5182(Part-23):2006
7.	Ozone (O ₃)	µg/m ³	16.89	≤ 180	IS:5182(Part-9):1974
8.	Lead (Pb)	µg/m ³	BDL	≤ 1.0	IS:5182(Part-22):2004
9.	Carbon Monoxide (CO)	mg/m ³	01.06	≤ 04	IS:5182(Part-10):1999
10.	Ammonia as (NH ₃)	µg/m ³	BDL	≤ 400	Method No.401,(Indophenols method)Method Of Air Sampeling,3 rd Edition
11.	Benzene (C ₆ H ₆)	µg/m ³	BDL	≤ 05	IS:5182 (Part 11):2006
12.	Benzo(a)Pyrene (BaP)	ng/m ³	BDL	≤ 01	IS:5182 (Part 12):2004
13.	Arsenic (As)	ng/m ³	BDL	≤ 06	IS:3025 (PART-37)
14.	Nickel (Ni)	ng/m ³	BDL	≤ 20	IS:3025 (PART-54) 2003

REMARK, OPINION & INTERPRITATION-

- ❖ All above results are within limits as per (NAAQS) National Ambient Air Quality Standards 2009.
- ❖ BDL-Below Detectable Limit.
- ❖ N.S. -Not Specified


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ANALYSIS REPORT FOR AMBIENT AIR QUALITY MONITORING		Page 1 of 1	
NAME OF COMPANY:- M/s. Bhima Sahankar Sabakari Sakhar Karkhana Ltd. Dattatraynagar, Pargaon, Village-Awasari Bk., Tal. - Ambegaon, Dist. - Pune-412 406		Report No	AL/TR/58-593/20-21
		Report Date	03/03/2021
		Inward No	AL/6-960/05/20-21
		Inward Date	22/02/2021
Sample Location	Near Main Gate (Company Premises)	Sampling Time	10:30 AM
Sample Collected By	AARL	Time duration	08 Hr

SR.NO.	PARAMETER	UNIT	RESULT	LIMITS	METHOD
1.	Ambient Temperature	°C	30.0	N.S.	EPA -454/R-99-005
2.	Relative Humidity	% rh	20	N.S.	EPA -454/R-99-005
3.	Sulphur Dioxide (SO ₂)	µg/m ³	18.78	≤ 80	IS:5182(Part-2):2001
4.	Oxides of Nitrogen (NO _x)	µg/m ³	15.19	≤ 80	IS:5182(Part-6):2006
5.	Particulate matter-PM ₁₀ (less than 10 micron)	µg/m ³	68.56	≤ 100	IS:5182(Part-23):2006
6.	Particulate matter-PM _{2.5} (less than 2.5 micron)	µg/m ³	20.91	≤ 60	IS:5182(Part-23):2006
7.	Ozone (O ₃)	µg/m ³	18.05	≤ 180	IS:5182(Part-9):1974
8.	Lead (Pb)	µg/m ³	BDL	≤ 1.0	IS:5182(Part-22):2004
9.	Carbon Monoxide (CO)	mg/m ³	01.32	≤ 04	IS:5182(Part-10):1999
10.	Ammonia as (NH ₃)	µg/m ³	BDL	≤ 400	Method No.401,(Indophenols method)Method Of Air Sampling,3 rd Edition
11.	Benzene (C ₆ H ₆)	µg/m ³	BDL	≤ 05	IS:5182 (Part 11):2006
12.	Benzo(a)Pyrene (BaP)	ng/m ³	BDL	≤ 01	IS:5182 (Part 12):2004
13.	Arsenic (As)	ng/m ³	BDL	≤ 06	IS:3025 (PART-37)
14.	Nickel (Ni)	ng/m ³	BDL	≤ 20	IS:3025 (PART-54) 2003

REMARK, OPINION & INTERPRITATION-

- ❖ All above results are within limits as per (NAAQS) National Ambient Air Quality Standards 2009.
- ❖ BDL-Below Detectable Limit.
- ❖ N.S. -Not Specified

Verified by
(Analyst)

Authorized Signatory

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भारतीय वातावरण संरक्षण विभाग
पत्र क्र. - 909
दिनांक - 23/8/2021

ANALYSIS REPORT FOR AMBIENT AIR QUALITY MONITORING		Page 1 of 1	
NAME OF COMPANY:- M/s. Bhima Shankar Sahakari Sakhar Karkhana Ltd. Dattatraynagar, Pargaon, Village-Awasari Bk., Tal. - Ambegaon, Dist. - Pune-412 406		Report No	AL/TR/59-235/21-22
		Report Date	05/04/2021
		Inward No	AL/7-20/01/21-22
		Inward Date	28/03/2021
Sample Location	East Side- Shri. Mauli Shete	Sampling Time	10:50 AM
Sample Collected By	AARL	Time duration	08 Hr

SR.NO.	PARAMETER	UNIT	RESULT	LIMITS	METHOD
1.	Ambient Temperature	°C	30.0	N.S.	EPA -454/R-99-005
2.	Relative Humidity	% rh	34	N.S.	EPA -454/R-99-005
3.	Sulphur Dioxide (SO ₂)	µg/m ³	10.41	≤ 80	IS:5182(Part-2):2001
4.	Oxides of Nitrogen (NO _x)	µg/m ³	15.22	≤ 80	IS:5182(Part-6):2006
5.	Particulate matter-PM ₁₀ (less than 10 micron)	µg/m ³	57.84	≤ 100	IS:5182(Part-23):2006
6.	Particulate matter-PM _{2.5} (less than 2.5 micron)	µg/m ³	19.63	≤ 60	IS:5182(Part-23):2006
7.	Ozone (O ₃)	µg/m ³	19.07	≤ 180	IS:5182(Part-9):1974
8.	Lead (Pb)	µg/m ³	BDL	1.0	IS:5182(Part-22):2004
9.	Carbon Monoxide (CO)	mg/m ³	01.18	≤ 04	IS:5182(Part-10):1999
10.	Ammonia as (NH ₃)	µg/m ³	BDL	≤ 400	Method No.401,(Indophenols method)Method Of Air Sampling, 3 rd Edition
11.	Benzene (C ₆ H ₆)	µg/m ³	BDL	≤ 05	IS:5182 (Part 11):2006
12.	Benzo(a)Pyrene (BaP)	ng/m ³	BDL	≤ 01	IS:5182 (Part 12):2004
13.	Arsenic (As)	ng/m ³	BDL	≤ 06	IS:3025 (PART-37)
14.	Nickel (Ni)	ng/m ³	BDL	≤ 20	IS:3025 (PART-54) 2003

REMARK, OPINION & INTERPRITATION-

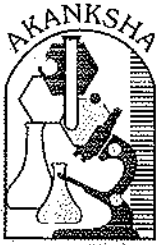
- ❖ All above results are within limits as per (NAAQS) National Ambient Air Quality Standards 2009.
- ❖ BDL-Below Detectable Limit.
- ❖ N.S. -Not Specified

Akshay
Verified by
(Analyst)

Praveen
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PM
Praveen
5/3/21



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ANALYSIS REPORT FOR AMBIENT AIR QUALITY MONITORING		Page 1 of 1	
NAME OF COMPANY:- M/s. Shima Shankar Sahakari Sakhar Karkhana Ltd. Dattatraynagar, Pargaon, Village-Awasari Bk., Tal. - Ambegaon, Dist. - Pune-412 406		Report No	AL/TR/59-236/21-22
		Report Date	05/04/2021
		Inward No	AL/7-20/02/21-22
		Inward Date	28/03/2021
Sample Location	West side-Karkhana Petrol Pump	Sampling Time	11:15 AM
Sample Collected By	AARL	Time duration	08 Hr

SR.NO.	PARAMETER	UNIT	RESULT	LIMITS	METHOD
1.	Ambient Temperature	°C	32.0	N.S.	EPA -454/R-99-005
2.	Relative Humidity	% rh	29	N.S.	EPA -454/R-99-005
3.	Sulphur Dioxide (SO ₂)	µg/m ³	16.32	≤ 80	IS:5182(Part-2):2001
4.	Oxides of Nitrogen (NO _x)	µg/m ³	12.58	≤ 80	IS:5182(Part-6):2006
5.	Particulate matter-PM ₁₀ (less than 10 micron)	µg/m ³	59.85	≤ 100	IS:5182(Part-23):2006
6.	Particulate matter-PM _{2.5} (less than 2.5 micron)	µg/m ³	17.67	≤ 60	IS:5182(Part-23):2006
7.	Ozone (O ₃)	µg/m ³	18.15	≤ 180	IS:5182(Part-9):1974
8.	Lead (Pb)	µg/m ³	BDL	≤ 1.0	IS:5182(Part-22):2004
9.	Carbon Monoxide (CO)	mg/m ³	00.96	≤ 04	IS:5182(Part-10):1999
10.	Ammonia as (NH ₃)	µg/m ³	BDL	≤ 400	Method No.401,(Indophenols method)Method Of Air Sampling,3 rd Edition
11.	Benzene (C ₆ H ₆)	µg/m ³	BDL	≤ 05	IS:5182 (Part 11):2006
12.	Benzo(a)Pyrene (BaP)	ng/m ³	BDL	≤ 01	IS:5182 (Part 12):2004
13.	Arsenic (As)	ng/m ³	BDL	≤ 06	IS:3025 (PART-37)
14.	Nickel (Ni)	ng/m ³	BDL	≤ 20	IS:3025 (PART-54) 2003

REMARK, OPINION & INTERPRITATION-

- ❖ All above results are within limits as per (NAAQS) National Ambient Air Quality Standards 2009.
- ❖ BDL-Below Detectable Limit.
- ❖ N.S. -Not Specified


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ANALYSIS REPORT FOR AMBIENT AIR QUALITY MONITORING		Page 1 of 1	
NAME OF COMPANY:- M/s. Bhima Shankar Sahakari Sakhar Karkhana Ltd. Dattatraynagar, Pargaon, Village-Awasari Bk., Tal. -Ambegaon, Dist.- Pune-412 406		Report No	AL/TR/59-238/21-22
		Report Date	05/04/2021
		Inward No	AL/7-20/04/21-22
		Inward Date	28/03/2021
Sample Location	South Side- Karkhana Jack Well	Sampling Time	12:00 PM
Sample Collected By	AARL	Time duration	08 Hr

SR.NO.	PARAMETER	UNIT	RESULT	LIMITS	METHOD
1.	Ambient Temperature	°C	32.0	N.S.	EPA -454/R-99-005
2.	Relative Humidity	% rh	27	N.S.	EPA -454/R-99-005
3.	Sulphur Dioxide (SO ₂)	µg/m ³	10.33	≤ 80	IS:5182(Part-2):2001
4.	Oxides of Nitrogen (NO _x)	µg/m ³	10.41	≤ 80	IS:5182(Part-6):2006
5.	Particulate matter-PM ₁₀ (less than 10 micron)	µg/m ³	52.36	≤ 100	IS:5182(Part-23):2006
6.	Particulate matter-PM _{2.5} (less than 2.5 micron)	µg/m ³	17.12	≤ 60	IS:5182(Part-23):2006
7.	Ozone (O ₃)	µg/m ³	17.89	≤ 180	IS:5182(Part-9):1974
8.	Lead (Pb)	µg/m ³	BDL	≤ 1.0	IS:5182(Part-22):2004
9.	Carbon Monoxide (CO)	mg/m ³	00.94	≤ 04	IS:5182(Part-10):1999
10.	Ammonia as (NH ₃)	µg/m ³	BDL	≤ 400	Method No.401,(Indophenols method)Method Of Air Samping,3 rd Edition
11.	Benzene (C ₆ H ₆)	µg/m ³	BDL	≤ 05	IS:5182 (Part 11):2006
12.	Benzo(a)Pyrene (BaP)	ng/m ³	BDL	≤ 01	IS:5182 (Part 12):2004
13.	Arsenic (As)	ng/m ³	BDL	≤ 06	IS:3025 (PART-37)
14.	Nickel (Ni)	ng/m ³	BDL	≤ 20	IS:3025 (PART-54) 2003

REMARK, OPINION & INTERPRITATION-

- ❖ All above results are within limits as per (NAAQS) National Ambient Air Quality Standards 2009.
- ❖ BDL-Below Detectable Limit.
- ❖ N.S. -Not Specified

Alghay

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(Analyst)

R. Patel

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ANALYSIS REPORT FOR AMBIENT AIR QUALITY MONITORING		Page 1 of 1	
NAME OF COMPANY:- M/s. Bhima Shankar Sahakari Sahakar Karkhana Ltd. Dattatraynagar, Pargaon, Village-Awasari Blk, Tal. - Ambegaon, Dist. - Pune-412 406		Report No	AL/TR/59-237/21-22
		Report Date	05/04/2021
		Inward No	AL/7-20/03/21-22
		Inward Date	28/03/2021
Sample Location	North side- Karkhana Kopi Yard	Sampling Time	11:35 PM
Sample Collected By	AARL	Time duration	08 Hr

SR.NO.	PARAMETER	UNIT	RESULT	LIMITS	METHOD
1.	Ambient Temperature	°C	32.0	N.S.	EPA -454/R-99-005
2.	Relative Humidity	% rh	29	N.S.	EPA -454/R-99-005
3.	Sulphur Dioxide (SO ₂)	µg/m ³	18.84	≤ 80	IS:5182(Part-2):2001
4.	Oxides of Nitrogen (NO _x)	µg/m ³	15.71	≤ 80	IS:5182(Part-6):2006
5.	Particulate matter-PM ₁₀ (less than 10 micron)	µg/m ³	68.47	≤ 100	IS:5182(Part-23):2006
6.	Particulate matter-PM _{2.5} (less than 2.5 micron)	µg/m ³	24.22	≤ 60	IS:5182(Part-23):2006
7.	Ozone (O ₃)	µg/m ³	18.35	≤ 180	IS:5182(Part-9):1974
8.	Lead (Pb)	µg/m ³	BDL	≤ 1.0	IS:5182(Part-22):2004
9.	Carbon Monoxide (CO)	mg/m ³	01.49	≤ 04	IS:5182(Part-10):1999
10.	Ammonia as (NH ₃)	µg/m ³	BDL	≤ 400	Method No.401,(Indophenols method)Method Of Air Sampingel,3 rd Edition
11.	Benzene (C ₆ H ₆)	µg/m ³	BDL	≤ 05	IS:5182 (Part 11):2006
12.	Benzo(a)Pyrene (BaP)	ng/m ³	BDL	≤ 01	IS:5182 (Part 12):2004
13.	Arsenic (As)	ng/m ³	BDL	≤ 06	IS:3025 (PART-37)
14.	Nickel (Ni)	ng/m ³	BDL	≤ 20	IS:3025 (PART-54) 2003

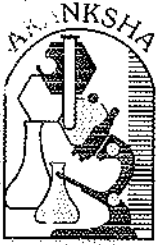
REMARK, OPINION & INTERPRITATION-

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- ❖ BDL-Below Detectable Limit.
- ❖ N.S. -Not Specified


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(Analyst)


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ANALYSIS REPORT FOR AMBIENT AIR QUALITY MONITORING		Page 1 of 1	
NAME OF COMPANY:- M/s. Bhima Shankar Sahakari Sakhar Karkhana Ltd. Dattatraynagar, Pargaon, Village-Awasari Bk., Tal. - Ambegaon, Dist. - Pune-412 406		Report No	AL/TR/59-239/21-22
		Report Date	05/04/2021
		Inward No	AL/7-20/05/21-22
		Inward Date	28/03/2021
Sample Location	Kata Gate (Company Premises)	Sampling Time	12:25 PM
Sample Collected By	AARL	Time duration	08 Hr

SR.NO.	PARAMETER	UNIT	RESULT	LIMITS	METHOD
15.	Ambient Temperature	°C	34.0	N.S.	EPA -454/R-99-005
16.	Relative Humidity	% rh	27	N.S.	EPA -454/R-99-005
17.	Sulphur Dioxide (SO ₂)	µg/m ³	19.23	≤ 80	IS:5182(Part-2):2001
18.	Oxides of Nitrogen (NO _x)	µg/m ³	15.65	≤ 80	IS:5182(Part-6):2006
19.	Particulate matter-PM ₁₀ (less than 10 micron)	µg/m ³	79.89	≤ 100	IS:5182(Part-23):2006
20.	Particulate matter-PM _{2.5} (less than 2.5 micron)	µg/m ³	26.32	≤ 60	IS:5182(Part-23):2006
21.	Ozone (O ₃)	µg/m ³	18.41	≤ 180	IS:5182(Part-9):1974
22.	Lead (Pb)	µg/m ³	BDL	≤ 1.0	IS:5182(Part-22):2004
23.	Carbon Monoxide (CO)	mg/m ³	01.53	≤ 04	IS:5182(Part-10):1999
24.	Ammonia as (NH ₃)	µg/m ³	BDL	≤ 400	Method No.401,(Indophenols method)Method Of Air Sampingelg,3 rd Edition
25.	Benzene (C ₆ H ₆)	µg/m ³	BDL	≤ 05	IS:5182 (Part 11):2006
26.	Benzo(a)Pyrene (BaP)	ng/m ³	BDL	≤ 01	IS:5182 (Part 12):2004
27.	Arsenic (As)	ng/m ³	BDL	≤ 06	IS:3025 (PART-37)
28.	Nickel (Ni)	ng/m ³	BDL	≤ 20	IS:3025 (PART-54) 2003

REMARK, OPINION & INTERPRITATION-

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- ❖ N.S. -Not Specified

Akshay
Verified by
(Analyst)

Bhima
Authorized Signatory

...End of test report...

The first part of the document discusses the importance of maintaining accurate records of all transactions. This includes not only sales and purchases but also any other financial activities that may occur during the course of the business. It is essential to ensure that all records are kept up-to-date and are easily accessible for review.

In addition, it is important to establish a clear system of internal controls to help prevent errors and fraud. This may involve implementing a strict policy regarding the handling of cash and other assets, as well as requiring proper authorization for all transactions.

Finally, it is crucial to regularly review the financial statements and compare them to the records to ensure that they are accurate and complete. This will help to identify any discrepancies and take corrective action as needed.

The second part of the document provides a detailed overview of the various types of financial statements that are commonly used in business. These include the balance sheet, the income statement, and the cash flow statement. Each of these statements provides a different perspective on the financial performance of the business and is essential for making informed decisions.

The balance sheet shows the company's assets, liabilities, and equity at a specific point in time. It provides a snapshot of the company's financial position and is used to assess its solvency and liquidity.

The income statement shows the company's revenues, expenses, and net income over a period of time. It is used to evaluate the company's profitability and to identify areas where costs can be reduced.

The cash flow statement shows the company's cash inflows and outflows over a period of time. It is used to assess the company's ability to generate cash and to manage its working capital.

The third part of the document discusses the various methods that can be used to estimate the value of a business. These include the cost of capital method, the discounted cash flow method, and the market comparison method. Each of these methods has its own strengths and weaknesses, and the choice of method will depend on the specific characteristics of the business.

The cost of capital method involves calculating the present value of the company's future cash flows, discounted at the company's cost of capital. This method is often used for large, established companies with a long history of stable cash flows.

The discounted cash flow method involves estimating the company's future cash flows and discounting them back to their present value. This method is often used for companies with a high growth rate and a long history of stable cash flows.

The market comparison method involves comparing the company's value to the values of similar companies in the market. This method is often used for companies that are publicly traded and have a large number of comparable companies.

The fourth part of the document provides a detailed overview of the various factors that can affect the value of a business. These include the company's financial performance, its growth rate, its market position, and its risk profile. Each of these factors can have a significant impact on the company's value, and it is important to understand how they are related.

Financial performance is a key factor in determining the value of a business. Companies with high revenues, low expenses, and high net income will generally have a higher value than companies with lower revenues, higher expenses, and lower net income.

Growth rate is another important factor. Companies that are growing rapidly and have a high potential for future growth will generally have a higher value than companies that are not growing or are declining.

Market position is also a key factor. Companies that have a strong market position and a high level of brand recognition will generally have a higher value than companies that are new to the market or have a weak market position.

Finally, risk profile is an important factor. Companies with a high level of risk, such as those in highly competitive or volatile markets, will generally have a lower value than companies with a lower level of risk.

The fifth and final part of the document provides a detailed overview of the various methods that can be used to estimate the value of a business. These include the cost of capital method, the discounted cash flow method, and the market comparison method. Each of these methods has its own strengths and weaknesses, and the choice of method will depend on the specific characteristics of the business.

The cost of capital method involves calculating the present value of the company's future cash flows, discounted at the company's cost of capital. This method is often used for large, established companies with a long history of stable cash flows.

The discounted cash flow method involves estimating the company's future cash flows and discounting them back to their present value. This method is often used for companies with a high growth rate and a long history of stable cash flows.

The market comparison method involves comparing the company's value to the values of similar companies in the market. This method is often used for companies that are publicly traded and have a large number of comparable companies.



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ANALYSIS REPORT FOR AMBIENT AIR QUALITY MONITORING		Page 1 of 1	
NAME OF COMPANY:- M/s. Bhima Shankar Sahakari Sakhar Karkhana Ltd. Dattatraynagar, Pargaon, Village-Awasari Bk., Tal. - Ambegaon, Dist. - Pune-412 406		Report No	AL/TR/59-467/21-22
		Report Date	30/04/2021
		Inward No	AL/7-39/04/21-22
		Inward Date	22/04/2021
Sample Location	South west - Taniskha Hotel	Sampling Time	02:15 PM
Sample Collected By	AARI.	Time duration	08 Hr

SR.NO.	PARAMETER	UNIT	RESULT	LIMITS	METHOD
1.	Ambient Temperature	°C	34.0	N.S.	EPA -454/R-99-005
2.	Relative Humidity	% rh	23	N.S.	EPA -454/R-99-005
3.	Sulphur Dioxide (SO ₂)	µg/m ³	16.31	< 80	IS:5182(Part-2):2001
4.	Oxides of Nitrogen (NO _x)	µg/m ³	18.48	≤ 80	IS:5182(Part-6):2006
5.	Particulate matter-PM ₁₀ (less than 10 micron)	µg/m ³	64.81	≤ 100	IS:5182(Part-23):2006
6.	Particulate matter-PM _{2.5} (less than 2.5 micron)	µg/m ³	18.73	≤ 60	IS:5182(Part-23):2006
7.	Ozone (O ₃)	µg/m ³	17.32	≤ 180	IS:5182(Part-9):1974
8.	Lead (Pb)	µg/m ³	BDL	≤ 1.0	IS:5182(Part-22):2004
9.	Carbon Monoxide (CO)	mg/m ³	01.19	≤ 04	IS:5182(Part-10):1999
10.	Ammonia as (NH ₃)	µg/m ³	BDL	≤ 400	Method No.401, (Indophenols method) Method Of Air Sampling, 3 rd Edition
11.	Benzene (C ₆ H ₆)	µg/m ³	BDL	≤ 05	IS:5182 (Part 11):2006
12.	Benzo(a)Pyrene (BaP)	ng/m ³	BDL	≤ 01	IS:5182 (Part 12):2004
13.	Arsenic (As)	ng/m ³	BDL	≤ 06	IS:3025 (PART-37)
14.	Nickel (Ni)	ng/m ³	BDL	≤ 20	IS:3025 (PART-54) 2003

REMARK, OPINION & INTERPRITATION-

- ❖ All above results are within limits as per (NAAQS) National Ambient Air Quality Standards 2009.
- ❖ BDL-Below Detectable Limit.
- ❖ N.S. -Not Specified

C. S. Patil

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NAME OF COMPANY:- M/s. Bhima Shankar Sahakari Sakhar Karikhana Ltd. Dattatraynagar, Pargaon, Village-Awasari Bk., Tal. -Ambegaon, Dist- Pune-412 406		Report No	AL/TR/59-466/21-22
		Report Date	30/04/2021
		Inward No	AL/7-39/03/21-22
		Inward Date	22/04/2021
Sample Location	South East - Mr. Prashant Asware	Sampling Time	01:50 PM
Sample Collected By	AARI.	Time duration	08 Hr

SR.NO.	PARAMETER	UNIT	RESULT	LIMITS	METHOD
1.	Ambient Temperature	°C	34.0	N.S.	EPA -454/R-99-005
2.	Relative Humidity	% rh	23	N.S.	EPA -454/R-99-005
3.	Sulphur Dioxide (SO ₂)	µg/m ³	10.29	≤ 80	IS:5182(Part-2):2001
4.	Oxides of Nitrogen (NO _x)	µg/m ³	10.38	≤ 80	IS:5182(Part-6):2006
5.	Particulate matter-PM ₁₀ (less than 10 micron)	µg/m ³	56.74	≤ 100	IS:5182(Part-23):2006
6.	Particulate matter-PM _{2.5} (less than 2.5 micron)	µg/m ³	17.07	≤ 60	IS:5182(Part-23):2006
7.	Ozone (O ₃)	µg/m ³	17.41	≤ 180	IS:5182(Part-9):1974
8.	Lead (Pb)	µg/m ³	BDL	≤ 1.0	IS:5182(Part-22):2004
9.	Carbon Monoxide (CO)	mg/m ³	00.92	≤ 04	IS:5182(Part-10):1999
10.	Ammonia as (NH ₃)	µg/m ³	BDL	≤ 400	Method No.401,(Indophenols method)Method Of Air Sampling,3 rd Edition
11.	Benzene (C ₆ H ₆)	µg/m ³	BDL	≤ 05	IS:5182 (Part 11):2006
12.	Benzo(a)Pyrene (BaP)	ng/m ³	BDL	≤ 01	IS:5182 (Part 12):2004
13.	Arsenic (As)	ng/m ³	BDL	≤ 06	IS:3025 (PART-37)
14.	Nickel (Ni)	ng/m ³	BDL	≤ 20	IS:3025 (PART-54) 2003

REMARK, OPINION & INTERPRITATION-

- ❖ All above results are within limits as per (NAAQS) National Ambient Air Quality Standards 2009.
- ❖ BDL-Below Detectable Limit.
- ❖ N.S. -Not Specified

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...End of test report...



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ANALYSIS REPORT FOR AMBIENT AIR QUALITY MONITORING		Page 1 of 1	
NAME OF COMPANY:- M/s. Bhima Shankar Sahakari Sakhar Karkhana Ltd. Dattatraynagar, Pargaon, Village-Awasari Bk., Tal. - Ambegaon, Dist. - Pune-412 406		Report No.	AL/TR/59-465/21-22
		Report Date	30/04/2021
		Inward No	AL/7-39/02/21-22
		Inward Date	22/04/2021
Sample Location	North West side- Mr. Nanasaheb Dhobale	Sampling Time	01:30 PM
Sample Collected By	AARL	Time duration	08 Hr

SR.NO.	PARAMETER	UNIT	RESULT	LIMITS	METHOD
1.	Ambient Temperature	°C	34.0	N.S.	EPA-454/R-99-005
2.	Relative Humidity	% rh	23	N.S.	EPA-454/R-99-005
3.	Sulphur Dioxide (SO ₂)	µg/m ³	12.17	≤ 80	IS:5182(Part-2):2001
4.	Oxides of Nitrogen (NO _x)	µg/m ³	09.68	≤ 80	IS:5182(Part-6):2006
5.	Particulate matter-PM ₁₀ (less than 10 micron)	µg/m ³	66.75	≤ 100	IS:5182(Part-23):2006
6.	Particulate matter-PM _{2.5} (less than 2.5 micron)	µg/m ³	17.69	≤ 60	IS:5182(Part-23):2006
7.	Ozone (O ₃)	µg/m ³	17.96	≤ 180	IS:5182(Part-9):1974
8.	Lead (Pb)	µg/m ³	BDL	≤ 1.0	IS:5182(Part-22):2004
9.	Carbon Monoxide (CO)	mg/m ³	00.89	≤ 04	IS:5182(Part-10):1999
10.	Ammonia as (NH ₃)	µg/m ³	BDL	≤ 400	Method No.401,(Indophenols method)Method Of Air Sampling, 3 rd Edition
11.	Benzene (C ₆ H ₆)	µg/m ³	BDL	≤ 05	IS:5182 (Part 11):2006
12.	Benzo(a)Pyrene (BaP)	ng/m ³	BDL	≤ 01	IS:5182 (Part 12):2004
13.	Arsenic (As)	ng/m ³	BDL	≤ 06	IS:3025 (PART-37)
14.	Nickel (Ni)	ng/m ³	BDL	≤ 20	IS:3025 (PART-54) 2003

REMARK, OPINION & INTERPRITATION-

- ❖ All above results are within limits as per (NAAQS) National Ambient Air Quality Standards, 2009.
- ❖ BDL-Below Detectable Limit.
- ❖ N.S. -Not Specified

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Date: 7/5/2021



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ANALYSIS REPORT FOR AMBIENT AIR QUALITY MONITORING		Page 1 of 1	
NAME OF COMPANY:- M/s. Bhima Shankar Sahakari Sakhar Karkhana Ltd. Dattatraynagar, Pargaon, Village-Awasari Bk., Tal. -Ambegaon, Dist. - Pune-412 406		Report No	AL/TR/59-464/21-22
		Report Date	30/04/2021
		Inward No	AL/7-39/01/21-22
		Inward Date	22/04/2021
Sample Location	North East - Mr. Yogesh Dhobale	Sampling Time	01:15 PM
Sample Collected By	AARI.	Time duration	08 Hr

SR.NO.	PARAMETER	UNIT	RESULT	LIMITS	METHOD
1.	Ambient Temperature	°C	34.0	N.S.	EPA -454/R-99-005
2.	Relative Humidity	% rh	23	N.S.	EPA -454/R-99-005
3.	Sulphur Dioxide (SO ₂)	µg/m ³	12.19	≤ 80	IS:5182(Part-2):2001
4.	Oxides of Nitrogen (NO _x)	µg/m ³	14.64	≤ 80	IS:5182(Part-6):2006
5.	Particulate matter-PM ₁₀ (less than 10 micron)	µg/m ³	49.87	≤ 100	IS:5182(Part-23):2006
6.	Particulate matter-PM _{2.5} (less than 2.5 micron)	µg/m ³	16.86	≤ 60	IS:5182(Part-23):2006
7.	Ozone (O ₃)	µg/m ³	17.91	≤ 180	IS:5182(Part-9):1974
8.	Lead (Pb)	µg/m ³	BDL	≤ 1.0	IS:5182(Part-22):2004
9.	Carbon Monoxide (CO)	mg/m ³	01.08	≤ 04	IS:5182(Part-10):1999
10.	Ammonia as (NH ₃)	µg/m ³	BDL	≤ 400	Method No.401,(Indophenols method)Method Of Air Sampling,3 rd Edition
11.	Benzene (C ₆ H ₆)	µg/m ³	BDL	≤ 05	IS:5182 (Part 11):2006
12.	Benzo(a)Pyrene (BaP)	ng/m ³	BDL	≤ 01	IS:5182 (Part 12):2004
13.	Arsenic (As)	ng/m ³	BDL	≤ 06	IS:3025 (PART-37)
14.	Nickel (Ni)	ng/m ³	BDL	≤ 20	IS:3025 (PART-54) 2003

REMARK, OPINION & INTERPRITATION-

- ❖ All above results are within limits as per (NAAQS) National Ambient Air Quality Standards 2009.
- ❖ BDL-Below Detectable Limit.
- ❖ N.S. -Not Specified

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ANALYSIS REPORT FOR AMBIENT AIR QUALITY MONITORING		Page 1 of 1	
NAME OF COMPANY:- M/s. Bhima Shankar Sahakari Sakhar Karkhana Ltd. Dattatraynagar, Pargaon, Village-Awasari Bk., Tal. - Ambegaon, Dist. - Pune-412 406		Report No	AL/TR/59-468/21-22
		Report Date	30/04/2021
		Inward No	AL/7-39/05/21-22
		Inward Date	22/04/2021
Sample Location	Main Gate (Company Premises)	Sampling Time	02:40 PM
Sample Collected By	AARI.	Time duration	08 Hr

SR.NO.	PARAMETER	UNIT	RESULT	LIMITS	METHOD
1.	Ambient Temperature	°C	34.0	N.S.	EPA -454/R-99-005
2.	Relative Humidity	%rh	23	N.S.	EPA -454/R-99-005
3.	Sulphur Dioxide (SO ₂)	µg/m ³	18.89	≤ 80	IS:5182(Part-2):2001
4.	Oxides of Nitrogen (NO _x)	µg/m ³	15.82	≤ 80	IS:5182(Part-6):2006
5.	Particulate matter-PM ₁₀ (less than 10 micron)	µg/m ³	70.56	≤ 100	IS:5182(Part-23):2006
6.	Particulate matter-PM _{2.5} (less than 2.5 micron)	µg/m ³	24.41	≤ 60	IS:5182(Part-23):2006
7.	Ozone (O ₃)	µg/m ³	18.52	≤ 180	IS:5182(Part-9):1974
8.	Lead (Pb)	µg/m ³	BDL	≤ 1.0	IS:5182(Part-22):2004
9.	Carbon Monoxide (CO)	mg/m ³	01.58	≤ 04	IS:5182(Part-10):1999
10.	Ammonia as (NH ₃)	µg/m ³	BDL	≤ 400	Method No.401,(Indophenols method)Method Of Air Sampeling,3 rd Edition
11.	Benzene (C ₆ H ₆)	µg/m ³	BDL	≤ 05	IS:5182 (Part 11):2006
12.	Benzo(a)Pyrene (BaP)	ng/m ³	BDL	≤ 01	IS:5182 (Part 12):2004
13.	Arsenic (As)	ng/m ³	BDL	≤ 06	IS:3025 (PART-37)
14.	Nickel (Ni)	ng/m ³	BDE	≤ 20	IS:3025 (PART-54) 2003

REMARK, OPINION & INTERPRITATION-

- ❖ All above results are within limits as per (NAAQS) National Ambient Air Quality Standards 2009.
- ❖ BDL -Below Detectable Limit.
- ❖ N.S. -Not Specified

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The following text is extremely faint and largely illegible. It appears to be a list or index of items, possibly names of people or places, arranged in a structured format. The text is too light to transcribe accurately, but it seems to follow a pattern of entries separated by lines or small groups.



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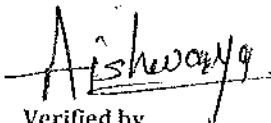
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TEST REPORT		Page 1 of 1	
NAME OF COMPANY & ADDRESS: M/s. Bhima Shankar sahakari sakhar karkhana Ltd. Dattatraynagar, Pargaon Village-Awasari Bk. Tal.- Ambegaon, Dist. - Pune-412406		Report No	AL/TR/38-238/2020-21
		Report Date	10/12/2020
		Inward No	12-15
		Inward Date	28/11/2020
Sample Detail	Well water-Dnyaneshwar Dhoble Home	Analysis Start date	03/12/2020
Sample Collected By	Party	Analysis End date	08/12/2020
Sample Volume	2250 ml	Sample Condition	Fit For Analysis

Sr. No.	Parameter	Unit	Result	Desirable limits as per IS:10500, 2012	Method
A) PHYSICAL ANALYSIS					
1.	Colour	Hazen	BDL	≤5.00	IS3025(Part-4)
2.	Odour	--	Unobjectionable	Unobjectionable	IS3025(Part-5)
3.	Turbidity @ 25°C	NTU	0.04	≤1.0	IS3025(Part-10)
4.	Conductivity	µMHOS/cm	2941	Not Specified	IS 3025 (Part 14):2013
B) CHEMICAL ANALYSIS					
5.	pH @ 25°C	---	7.88	6.5 to 8.5	IS 3025 (Part 11) RA 2012 Electrometric Method
6.	Total Dissolved Solids	mg/lit	1522	≤500	IS 3025 (Part 16) RA 2012 Gravimetric method
7.	Total Hardness as CaCO ₃	mg/lit	732	≤200	IS3025(Part-21) RA 2014 EDTA Titrimetric method
8.	Calcium as Ca	mg/lit	199	≤75.0	IS3025(Part-40) RA 2009 EDTA Method
9.	Magnesium as Mg	mg/lit	56.2	≤30.0	APHA 23 rd Edition 2017 3500- Mg B Calculation method
10.	Chlorides as Cl	mg/lit	94.3	≤250	IS3025(Part-32) RA 2009 Argentometric Method
11.	Sulphate as SO ₄ ²⁻	mg/lit	5.77	≤200	APHA-23 rd Edition 2017-E-SO ₄ ²⁻
12.	Total Alkalinity as CaCO ₃	mg/lit	359	≤200	IS3025(Part-23)RA 2009
13.	Nitrate as NO ₃	mg/lit	3.80	≤45.0	APHA 23 rd Edition 20174500-B- NO ₃
14.	Iron as Fe	mg/lit	BDL	≤0.3	IS3025(Part-53)
C) BACTERIOLOGICAL ANALYSIS					
15.	Coliform	MPN Index/100ml	Present	Absent	IS1622:1981 Reaff.2014
16.	Fecal Coliform	MPN Index/100ml	Present	Absent	IS1622:1981 Reaff.2014
17.	E- Coli	CFU/ml	Present	Absent	IS1622:1981 Reaff.2014

REMARK-

- ❖ As per Specified above analysis water sample is not within the desirable limits.
- ❖ Sample will be preserve for seven days after analysis.
- ❖ Above analysis results are related to its testing.
- ❖ The contents of this test report shall not be reproduced in part or without written approval of lab incharge.
- ❖ BDL- Below Detectable Limit


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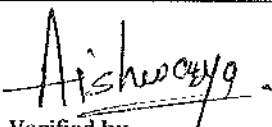
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TEST REPORT		Page 1 of 1	
NAME OF COMPANY & ADDRESS: M/s. Bhima Shankar sahakari sakhar karkhana Ltd. Dattatraynagar, Pargaon Village-Awasari Bk. Tal.- Ambegaon, Dist. - Pune-412406		Report No	AL/TR/38-239/2020-21
Sample Detail		Report Date	10/12/2020
Well water-Nivrutti Dhoble		Inward No	12-16
Sample Collected By	Party	Inward Date	28/11/2020
Sample Volume	2250 ml	Analysis Start date	03/12/2020
		Analysis End date	08/12/2020
		Sample Condition	Fit For Analysis

Sr. No.	Parameter	Unit	Result	Desirable limits as per IS:10500, 2012	Method
A) PHYSICAL ANALYSIS					
1.	Colour	Hazen	BDL	≤5.00	IS3025(Part-4)
2.	Odour	--	Unobjectionable	Unobjectionable	IS3025(Part-5)
3.	Turbidity @ 25°C	NTU	0.01	≤1.0	IS3025(Part-10)
4.	Conductivity	µMHOs/cm	1739	Not Specified	IS 3025 (Part 14):2013
B) CHEMICAL ANALYSIS					
5.	pH @ 25°C	---	8.21	6.5 to 8.5	IS 3025 (Part 11) RA 2012 - Electrometric Method
6.	Total Dissolved Solids	mg/lit	895	≤500	IS 3025 (Part 16) RA 2012 Gravimetric method
7.	Total Hardness as CaCO ₃	mg/lit	448	≤200	IS3025(Part-21) RA 2014 EDTA Titrimetric method
8.	Calcium as Ca	mg/lit	124	≤75.0	IS3025(Part-40) RA 2009 EDTA Method
9.	Magnesium as Mg	mg/lit	32.8	≤30.0	APHA 23 rd Edition 2017 3500- Mg B Calculation method
10.	Chlorides as Cl	mg/lit	64.5	≤250	IS3025(Part-32) RA 2009 Argentometric Method
11.	Sulphate as SO ₄ ²⁻	mg/lit	5.25	≤200	APHA-23 rd Edition 2017-E-SO ₄ ²⁻
12.	Total Alkalinity as CaCO ₃	mg/lit	316	≤200	IS3025(Part-23)RA 2009
13.	Nitrate as NO ₃	mg/lit	3.42	≤45.0	APHA 23 rd Edition 20174500-B- NO ₃
14.	Iron as Fe	mg/lit	BDL	≤0.3	IS3025(Part-53)
C) BACTERIOLOGICAL ANALYSIS					
15.	Coliform	MPN Index/100ml	Present	Absent	IS1622:1981 Reaff.2014
16.	Fecal Coliform	MPN Index/100ml	Present	Absent	IS1622:1981 Reaff.2014
17.	E- Coli	CFU/ml	Present	Absent	IS1622:1981 Reaff.2014

REMARK-

- ❖ As per Specified above analysis water sample is not within the desirable limits.
- ❖ Sample will be preserve for seven days after analysis.
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- ❖ The contents of this test report shall not be reproduced in part or without written approval of lab incharge.
- ❖ BDL- Below Detectable Limit


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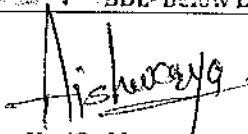
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TEST REPORT		Page 1 of 1	
NAME OF COMPANY & ADDRESS: M/s. Bhima Shankar sahakari sakhar karkhana Ltd. Dattatraynagar, Pargaon Village-Awasari Bk. Tal.- Ambegaon, Dist. - Pune-412406		Report No	AL/TR/38-236/2020-21
		Report Date	10/12/2020
		Inward No	12-13
		Inward Date	28/11/2020
Sample Detail	Well water-Yogesh Pingale Home	Analysis Start date	03/12/2020
Sample Collected By	Party	Analysis End date	08/12/2020
Sample Volume	2250 ml	Sample Condition	Fit For Analysis

Sr. No.	Parameter	Unit	Result	Desirable limits as per IS:10500, 2012	Method
A) PHYSICAL ANALYSIS					
1.	Colour	Hazen	BDL	≤5.00	IS3025(Part-4)
2.	Odour	--	Unobjectionable	Unobjectionable	IS3025(Part-5)
3.	Turbidity @ 25°C	NTU	0.02	≤1.0	IS3025(Part-10)
4.	Conductivity	μMHOs/cm	2957	Not Specified	IS 3025 (Part 14):2013
B) CHEMICAL ANALYSIS					
5.	pH @ 25°C	---	7.30	6.5 to 8.5	IS 3025 (Part 11) RA 2012 Electrometric Method
6.	Total Dissolved Solids	mg/lit	1528	≤500	IS 3025 (Part 16) RA 2012 Gravimetric method
7.	Total Hardness as CaCO ₃	mg/lit	546	≤200	IS3025(Part-21) RA 2014 EDTA Titrimetric method
8.	Calcium as Ca	mg/lit	195	≤75.0	IS3025(Part-40) RA 2009 EDTA Method
9.	Magnesium as Mg	mg/lit	14.1	≤30.0	APHA 23 rd Edition 2017 3500-Mg B Calculation method
10.	Chlorides as Cl	mg/lit	119	≤250	IS3025(Part-32) RA 2009 Argentometric Method
11.	Sulphate as SO ₄ ²⁻	mg/lit	5.77	≤200	APHA-23 rd Edition 2017-E-SO ₄ ²⁻
12.	Total Alkalinity as CaCO ₃	mg/lit	490	≤200	IS3025(Part-23)RA 2009
13.	Nitrate as NO ₃	mg/lit	3.56	≤45.0	APHA 23 rd Edition 20174500-B-NO ₃
14.	Iron as Fe	mg/lit	BDL	≤0.3	IS3025(Part-53)
C) BACTERIOLOGICAL ANALYSIS					
15.	Coliform	MPN Index/100ml	Present	Absent	IS1622:1981 Reaff.2014
16.	Fecal Coliform	MPN Index/100ml	Present	Absent	IS1622:1981 Reaff.2014
17.	E- Coli	CFU/ml	Present	Absent	IS1622:1981 Reaff.2014

REMARK-

- ❖ As per Specified above analysis water sample is not within the desirable limits.
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- ❖ Above analysis results are related to its testing.
- ❖ The contents of this test report shall not be reproduced in part or without written approval of lab incharge.
- ❖ BDL- Below Detectable Limit


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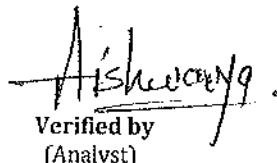
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TEST REPORT		Page 1 of 1	
NAME OF COMPANY & ADDRESS: M/s. Bhima Shankar sahakari sakhar karkhana Ltd. Dattatraynagar, Pargaon Village-Awasari Bk. Tal.- Ambegaon, Dist. - Pune-412406		Report No	AL/TR/38-237/2020-21
		Report Date	10/12/2020
		Inward No	12-14
		Inward Date	28/11/2020
Sample Detail	Borewell Water-Shingave Phata Hotel	Analysis Start date	03/12/2020
Sample Collected By	Party	Analysis End date	08/12/2020
Sample Volume	2250 ml	Sample Condition	Fit For Analysis

Sr. No.	Parameter	Unit	Result	Desirable limits as per IS:10500, 2012	Method
A) PHYSICAL ANALYSIS					
1.	Colour	Hazen	BDL	≤5.00	IS3025(Part-4)
2.	Odour	--	Unobjectionable	Unobjectionable	IS3025(Part-5)
3.	Turbidity @ 25°C	NTU	0.04	≤1.0	IS3025(Part-10)
4.	Conductivity	μMHOs/cm	2977	Not Specified	IS 3025 (Part 14):2013
B) CHEMICAL ANALYSIS					
5.	pH @ 25°C	---	7.19	6.5 to 8.5	IS 3025 (Part 11) RA 2012 Electrometric Method
6.	Total Dissolved Solids	mg/lit	1519	≤500	IS 3025 (Part 16) RA 2012 Gravimetric method
7.	Total Hardness as CaCO ₃	mg/lit	595	≤200	IS3025(Part-21) RA 2014 EDTA Titrimetric method
8.	Calcium as Ca	mg/lit	175	≤75.0	IS3025(Part-40) RA 2009 EDTA Method
9.	Magnesium as Mg	mg/lit	37.5	≤30.0	APHA 23 rd Edition 2017 3500- Mg B Calculation method
10.	Chlorides as Cl	mg/lit	119	≤250	IS3025(Part-32) RA 2009 Argentometric Method
11.	Sulphate as SO ₄ ²⁻	mg/lit	4.75	≤200	APHA-23 rd Edition 2017-E-SO ₄ ²⁻
12.	Total Alkalinity as CaCO ₃	mg/lit	370	≤200	IS3025(Part-23)RA 2009
13.	Nitrate as NO ₃	mg/lit	3.33	≤45.0	APHA 23 rd Edition 20174500-B- NO ₃
14.	Iron as Fe	mg/lit	BDL	≤0.3	IS3025(Part-53)
C) BACTERIOLOGICAL ANALYSIS					
15.	Coliform	MPN Index/100ml	Present	Absent	IS1622:1981 Reaff.2014
16.	Fecal Coliform	MPN Index/100ml	Present	Absent	IS1622:1981 Reaff.2014
17.	E- Coli	CFU/ml	Present	Absent	IS1622:1981 Reaff.2014

REMARK-

- ❖ As per Specified above analysis water sample is not within the desirable limits.
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TEST REPORT		Page 1 of 1	
NAME OF COMPANY & ADDRESS: M/s. Bhima Shankar sahakari sakhar karkhana Ltd. Dattatraynagar, Pargaon Village-Awasari Bk. Tal.- Ambegaon, Dist. - Pune-412406		Report No	AL/TR/38-658/2020-21
		Report Date	08/01/2021
		Inward No	12-451
		Inward Date	30/12/2020
Sample Detail	Well water-South east bhimashankar hotel	Analysis Start date	01/01/2021
Sample Collected By	Party	Analysis End date	05/01/2021
Sample Volume	2250 ml	Sample Condition	Fit For Analysis

Sr. No.	Parameter	Unit	Result	Desirable limits as per IS:10500, 2012	Method
A) PHYSICAL ANALYSIS					
1.	Colour	Hazen	BDL	≤5.00	IS3025(Part-4)
2.	Odour	--	Unobjectionable	Unobjectionable	IS3025(Part-5)
3.	Turbidity @ 25°C	NTU	0.10	≤1.0	IS3025(Part-10)
4.	Conductivity	µMHOS/cm	450	Not Specified	IS 3025 (Part 14):2013
B) CHEMICAL ANALYSIS					
5.	pH @ 25°C	---	7.42	6.5 to 8.5	IS 3025 (Part 11) RA 2012 Electrometric Method
6.	Total Dissolved Solids	mg/lit	1893	≤500	IS 3025 (Part 16) RA 2012 Gravimetric method
7.	Total Hardness as CaCO ₃	mg/lit	912	≤200	IS3025(Part-21) RA 2014 EDTA Titrimetric method
8.	Calcium as Ca	mg/lit	257	≤75.0	IS3025(Part-40) RA 2009 EDTA Method
9.	Magnesium as Mg	mg/lit	64.5	≤30.0	APHA 23 rd Edition 2017 3500- Mg B Calculation method
10.	Chlorides as Cl	mg/lit	228	≤250	IS3025(Part-32) RA 2009 Argentometric Method
11.	Sulphate as SO ₄ ²⁻	mg/lit	7.97	≤200	APHA-23 rd Edition 2017-E-SO ₄ ²⁻
12.	Total Alkalinity as CaCO ₃	mg/lit	521	≤200	IS3025(Part-23)RA 2009
13.	Nitrate as NO ₃	mg/lit	3.52	≤45.0	APHA 23 rd Edition 20174500-B- NO ₃
14.	Iron as Fe	mg/lit	BDL	≤0.3	IS3025(Part-53)
C) BACTERIOLOGICAL ANALYSIS					
15.	Coliform	MPN Index/100ml	Present	Absent	IS1622:1981 Reaff.2014
16.	Fecal Coliform	MPN Index/100ml	Present	Absent	IS1622:1981 Reaff.2014
17.	E-Coli	CFU/ml	Present	Absent	IS1622:1981 Reaff.2014

REMARK-

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TEST REPORT		Page 1 of 1	
NAME OF COMPANY & ADDRESS: M/s. Bhima Shankar sahakari sakhar karkhana Ltd. Dattatraynagar, Pargaon Village-Awasari Bk. Tal.- Ambegaon, Dist. - Pune-412406		Report No	AL/TR/38-660/2020-21
		Report Date	08/01/2021
		Inward No	12-453
		Inward Date	30/12/2020
Sample Detail	Well water- South West Ramakant Jadhav	Analysis Start date	01/01/2021
Sample Collected By	Party	Analysis End date	05/01/2021
Sample Volume	2250 ml	Sample Condition	Fit For Analysis

Sr. No.	Parameter	Unit	Result	Desirable limits as per IS:10500, 2012	Method
A) PHYSICAL ANALYSIS					
1.	Colour	Hazen	BDL	≤5.00	IS3025(Part-4)
2.	Odour	--	Unobjectionable	Unobjectionable	IS3025(Part-5)
3.	Turbidity @ 25°C	NTU	0.90	≤1.0	IS3025(Part-10)
4.	Conductivity	μMH0s/cm	5371	Not Specified	IS 3025 (Part 14):2013
B) CHEMICAL ANALYSIS					
5.	pH @ 25°C	---	7.32	6.5 to 8.5	IS 3025 (Part 11) RA 2012 Electrometric Method
6.	Total Dissolved Solids	mg/lit	1832	≤500	IS 3025 (Part 16) RA 2012 Gravimetric method
7.	Total Hardness as CaCO ₃	mg/lit	902	≤200	IS3025(Part-21) RA 2014 EDTA Titrimetric method
8.	Calcium as Ca	mg/lit	257	≤75.0	IS3025(Part-40) RA 2009 EDTA Method
9.	Magnesium as Mg	mg/lit	62.2	≤30.0	APHA 23 rd Edition 2017 3500-Mg B Calculation method
10.	Chlorides as Cl	mg/lit	158	≤250	IS3025(Part-32) RA 2009 Argentometric Method
11.	Sulphate as SO ₄ ²⁻	mg/lit	92.0	≤200	APHA-23 rd Edition 2017-E-SO ₄ ²⁻
12.	Total Alkalinity as CaCO ₃	mg/lit	577	≤200	IS3025(Part-23)RA 2009
13.	Nitrate as NO ₃	mg/lit	2.02	≤45.0	APHA 23 rd Edition 20174500-B-NO ₃
14.	Iron as Fe	mg/lit	BDL	≤0.3	IS3025(Part-53)
C) BACTERIOLOGICAL ANALYSIS					
15.	Coliform	MPN Index/100ml	Present	Absent	IS1622:1981 Reaff.2014
16.	Fecal Coliform	MPN Index/100ml	Present	Absent	IS1622:1981 Reaff.2014
17.	E- Coli	CFU/ml	Present	Absent	IS1622:1981 Reaff.2014

REMARK-

- ❖ As per Specified above analysis water sample is not within the desirable limits.
- ❖ Sample will be preserve for seven days after analysis.
- ❖ Above analysis results are related to its testing.
- ❖ The contents of this test report shall not be reproduced in part or without written approval of lab incharge.
- ❖ BDL- Below Detectable Limit

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TEST REPORT		Page 1 of 1	
NAME OF COMPANY & ADDRESS: M/s. Bhima Shankar sahakari sakhar karkhana Ltd. Dattatraynagar, Pargaon Village-Awasari Bk. Tal.- Ambegaon, Dist. - Pune-412406		Report No	AL/TR/38-662/2020-21
		Report Date	08/01/2021
		Inward No	12-455
		Inward Date	30/12/2020
Sample Detail	Borewell water- North East Vitthal Dhoble	Analysis Start date	01/01/2021
Sample Collected By	Party	Analysis End date	05/01/2021
Sample Volume	2250 ml	Sample Condition	Fit For Analysis

Sr. No.	Parameter	Unit	Result	Desirable limits as per IS:10500, 2012	Method
A) PHYSICAL ANALYSIS					
1.	Colour	Hazen	BDL	≤5.00	IS3025(Part-4)
2.	Odour	--	Unobjectionable	Unobjectionable	IS3025(Part-5)
3.	Turbidity @ 25°C	NTU	0.50	≤1.0	IS3025(Part-10)
4.	Conductivity	µMHOs/cm	3697	Not Specified	IS 3025 (Part 14):2013
B) CHEMICAL ANALYSIS					
5.	pH @ 25°C	---	7.08	6.5 to 8.5	IS 3025 (Part 11) RA 2012 Electrometric Method
6.	Total Dissolved Solids	mg/lit	2370	≤500	IS 3025 (Part 16) RA 2012 Gravimetric method
7.	Total Hardness as CaCO ₃	mg/lit	662	≤200	IS3025(Part-21) RA 2014 EDTA Titrimetric method
8.	Calcium as Ca	mg/lit	249	≤75.0	IS3025(Part-40) RA 2009 EDTA Method
9.	Magnesium as Mg	mg/lit	9.22	≤30.0	APHA 23 rd Edition 2017 3500-Mg B Calculation method
10.	Chlorides as Cl	mg/lit	99.3	≤250	IS3025(Part-32) RA 2009 Argentometric Method
11.	Sulphate as SO ₄ ²⁻	mg/lit	11.2	≤200	APHA-23 rd Edition 2017-B-SO ₄ ²⁻
12.	Total Alkalinity as CaCO ₃	mg/lit	399	≤200	IS3025(Part-23)RA 2009
13.	Nitrate as NO ₃	mg/lit	3.54	≤45.0	APHA 23 rd Edition 20174500-B-NO ₃
14.	Iron as Fe	mg/lit	BDL	≤0.3	IS3025(Part-53)
C) BACTERIOLOGICAL ANALYSIS					
15.	Coliform	MPN Index/100ml	Present	Absent	IS1622:1981 Reaff.2014
16.	Fecal Coliform	MPN Index/100ml	Present	Absent	IS1622:1981 Reaff.2014
17.	E- Coli	CFU/ml	Present	Absent	IS1622:1981 Reaff.2014

REMARK-

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- ❖ The contents of this test report shall not be reproduced in part or without written approval of lab incharge.
- ❖ BDL- Below Detectable Limit

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TEST REPORT			Page 1 of 1
NAME OF COMPANY & ADDRESS: M/s. Bhima Shankar sahakari sakhar karkhana Ltd. Dattatraynagar, Pargaon Village-Awasari Bk. Tal.- Ambegaon, Dist. - Pune-412406		Report No Report Date Inward No Inward Date	AL/TR/38-659/2020-21 08/01/2021 12-452 30/12/2020
Sample Detail	Well water-North west tanishka hotel	Analysis Start date	01/01/2021
Sample Collected By	Party	Analysis End date	05/01/2021
Sample Volume	2250 ml	Sample Condition	Fit For Analysis

Sr. No.	Parameter	Unit	Result	Desirable limits as per IS:10500, 2012	Method
A) PHYSICAL ANALYSIS					
1.	Colour	Hazen	BDL	≤5.00	IS3025(Part-4)
2.	Odour	--	Unobjectionable	Unobjectionable	IS3025(Part-5)
3.	Turbidity @ 25°C	NTU	0.50	≤1.0	IS3025(Part-10)
4.	Conductivity	µMHOs/cm	4241	Not Specified	IS 3025 (Part 14)-2013
B) CHEMICAL ANALYSIS					
5.	pH @ 25°C	---	7.69	6.5 to 8.5	IS 3025 (Part 11) RA 2012 Electrometric Method
6.	Total Dissolved Solids	mg/lit	2757	≤500	IS 3025 (Part 16) RA 2012 Gravimetric method
7.	Total Hardness as CaCO ₃	mg/lit	595	≤200	IS3025(Part-21) RA 2014 EDTA Titrimetric method
8.	Calcium as Ca	mg/lit	153	≤75.0	IS3025(Part-40) RA 2009 EDTA Method
9.	Magnesium as Mg	mg/lit	50.7	≤30.0	APHA 23 rd Edition 2017 3500- Mg B Calculation method
10.	Chlorides as Cl	mg/lit	74.4	≤250	IS3025(Part-32) RA 2009 Argentometric Method
11.	Sulphate as SO ₄ ²⁻	mg/lit	7.80	≤200	APHA-23 rd Edition 2017-E-SO ₄ ²⁻
12.	Total Alkalinity as CaCO ₃	mg/lit	543	≤200	IS3025(Part-23)RA 2009
13.	Nitrate as NO ₃	mg/lit	3.42	≤45.0	APHA 23 rd Edition 20174500-B- NO ₃
14.	Iron as Fe	mg/lit	BDL	≤0.3	IS3025(Part-53)
C) BACTERIOLOGICAL ANALYSIS					
15.	Coliform	MPN Index/100ml	Present	Absent	IS1622:1981 Reaff.2014
16.	Fecal Coliform	MPN Index/100ml	Present	Absent	IS1622:1981 Reaff.2014
17.	E- Coli	CFU/ml	Present	Absent	IS1622:1981 Reaff.2014

REMARK-

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- ❖ BDL- Below Detectable Limit

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TEST REPORT		Page 1 of 1	
NAME OF COMPANY & ADDRESS: M/s. Bhima Shankar sahakari sakhar karkhana Ltd. Dattatraynagar, Pargaon Village-Awasari Bk. Tal.- Ambegaon, Dist. - Pune-412406		Report No	AL/TR/38-661/2020-21
		Report Date	08/01/2021
		Inward No	12-454
		Inward Date	30/12/2020
Sample Detail	Well water-Dattu Walse	Analysis Start date	01/01/2021
Sample Collected By	Party	Analysis End date	05/01/2021
Sample Volume	2250 ml	Sample Condition	Fit For Analysis

Sr. No.	Parameter	Unit	Result	Desirable limits as per IS:10500, 2012	Method
A) PHYSICAL ANALYSIS					
1.	Colour	Hazen	BDL	≤5.00	IS3025(Part-4)
2.	Odour	--	Unobjectionable	Unobjectionable	IS3025(Part-5)
3.	Turbidity @ 25°C	NTU	0.40	≤1.0	IS3025(Part-10)
4.	Conductivity	µMHOs/cm	4479	Not Specified	IS 3025 (Part 14):2013
B) CHEMICAL ANALYSIS					
5.	pH @ 25°C	---	7.22	6.5 to 8.5	IS 3025 (Part 11) RA 2012 Electrometric Method
6.	Total Dissolved Solids	mg/lit	2777	≤500	IS 3025 (Part 16) RA 2012 Gravimetric method
7.	Total Hardness as CaCO ₃	mg/lit	864	≤200	IS3025(Part-21) RA 2014 EDTA Titrimetric method
8.	Calcium as Ca	mg/lit	222	≤75.0	IS3025(Part-40) RA 2009 EDTA Method
9.	Magnesium as Mg	mg/lit	73.0	≤30.0	APHA 23 rd Edition 2017 3500- Mg B Calculation method
10.	Chlorides as Cl	mg/lit	94.3	≤250	IS3025(Part-32) RA 2009 Argentometric Method
11.	Sulphate as SO ₄ ²⁻	mg/lit	88.1	≤200	APHA-23 rd Edition 2017-E-SO ₄ ²⁻
12.	Total Alkalinity as CaCO ₃	mg/lit	366	≤200	IS3025(Part-23)RA 2009
13.	Nitrate as NO ₃	mg/lit	3.44	≤45.0	APHA 23 rd Edition 20174500-B- NO ₃
14.	Iron as Fe	mg/lit	BDL	≤0.3	IS3025(Part-53)
C) BACTERIOLOGICAL ANALYSIS					
15.	Coliform	MPN Index/100ml	Present	Absent	IS1622:1981 Reaff.2014
16.	Fecal Coliform	MPN Index/100ml	Present	Absent	IS1622:1981 Reaff.2014
17.	E- Coli	CFU/ml	Present	Absent	IS1622:1981 Reaff.2014

REMARK-

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- ❖ BDL- Below Detectable Limit

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TEST REPORT		Page 1 of 1	
NAME OF COMPANY & ADDRESS: M/s. Bhima Shankar sahakari sakhar karkhana Ltd. Dattatraynagar, Pargaon Village-Awasari Bk. Tal.- Ambegaon, Dist. - Pune-412406		Report No	AL/TR/39-060/2020-21
		Report Date	02/02/2021
		Inward No	1-383
		Inward Date	25/01/2021
Sample Detail	Well Water- Colony Area (South East)	Analysis Start date	28/01/2021
Sample Collected By	Party	Analysis End date	01/02/2021
Sample Volume	2250 ml	Sample Condition	Fit For Analysis

Sr. No.	Parameter	Unit	Result	Desirable limits as per IS:10500, 2012	Method
A) PHYSICAL ANALYSIS					
1.	Colour	Hazen	BDL	≤5.00	IS3025(Part-4)
2.	Odour	--	Unobjectionable	Unobjectionable	IS3025(Part-5)
3.	Turbidity @ 25°C	NTU	0.60	≤1.0	IS3025(Part-10)
4.	Conductivity	µMHOs/cm	2895	N.S	IS 3025 (Part 14):2013
B) CHEMICAL ANALYSIS					
5.	pH @ 25°C	---	7.85	6.5 to 8.5	IS 3025 (Part 11) RA 2012 Electrometric Method
6.	Total Dissolved Solids	mg/lit	1526	≤500	IS 3025 (Part 16) RA 2012 Gravimetric method
7.	Total Hardness as CaCO ₃	mg/lit	470	≤200	IS3025(Part-21) RA 2014 EDTA Titrimetric method
8.	Calcium as Ca	mg/lit	145	≤75.0	IS3025(Part-40) RA 2009 EDTA Method
9.	Magnesium as Mg	mg/lit	25.3	≤30.0	APHA 23 rd Edition 2017 3500- Mg B Calculation method
10.	Chlorides as Cl	mg/lit	55.0	≤250	IS3025(Part-32) RA 2009 Argentometric Method
11.	Sulphate as SO ₄ ²⁻	mg/lit	5.77	≤200	APHA-23 rd Edition 2017-E-SO ₄ ²⁻
12.	Total Alkalinity as CaCO ₃	mg/lit	329	≤200	IS3025(Part-23)RA 2009
13.	Nitrate as NO ₃	mg/lit	2.72	≤45.0	APHA 23 rd Edition 20174500-B- NO ₃
14.	Iron as Fe	mg/lit	BDL	≤0.3	IS3025(Part-53)
C) BACTERIOLOGICAL ANALYSIS					
15.	Coliform	MPN Index/100ml	Present	Absent	IS1622:1981 Reaff.2014
16.	Fecal Coliform	MPN Index/100ml	Present	Absent	IS1622:1981 Reaff.2014
17.	E- Coli	CFU/ml	Present	Absent	IS1622:1981 Reaff.2014

REMARK-

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- ❖ BDL- Below Detectable Limit.
- ❖ N.S-Not Specified.


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TEST REPORT		Page 1 of 1	
NAME OF COMPANY & ADDRESS: M/s. Bhima Shankar sahakari sakhar karkhana Ltd. Dattatraynagar, Pargaon Village-Awasari Bk. Tal.- Ambegaon, Dist. - Pune-412406		Report No	AL/TR/39-059/2020-21
		Report Date	02/02/2021
		Inward No	1-382
		Inward Date	25/01/2021
Sample Detail	Well Water- Ramnath Jadhav (South west)	Analysis Start date	28/01/2021
Sample Collected By	Party	Analysis End date	01/02/2021
Sample Volume	2250 ml	Sample Condition	Fit For Analysis

Sr. No.	Parameter	Unit	Result	Desirable limits as per IS:10500, 2012	Method
A) PHYSICAL ANALYSIS					
1.	Colour	Hazen	BDL	≤5.00	IS3025(Part-4)
2.	Odour	--	Unobjectionable	Unobjectionable	IS3025(Part-5)
3.	Turbidity @ 25°C	NTU	BDL	≤1.0	IS3025(Part-10)
4.	Conductivity	µMHOs/cm	5668	N.S	IS 3025 (Part 14):2013
B) CHEMICAL ANALYSIS					
5.	pH @ 25°C	---	7.35	6.5 to 8.5	IS 3025 (Part 11) RA 2012 Electrometric Method
6.	Total Dissolved Solids	mg/lit	2994	≤500	IS 3025 (Part 16) RA 2012 Gravimetric method
7.	Total Hardness as CaCO ₃	mg/lit	710	≤200	IS3025(Part-21) RA 2014 EDTA Titrimetric method
8.	Calcium as Ca	mg/lit	199	≤75.0	IS3025(Part-40) RA 2009 EDTA Method
9.	Magnesium as Mg	mg/lit	50.7	≤30.0	APHA 23 rd Edition 2017 3500- Mg B Calculation method
10.	Chlorides as Cl	mg/lit	125	≤250	IS3025(Part-32) RA 2009 Argentometric Method
11.	Sulphate as SO ₄ ²⁻	mg/lit	4.92	≤200	APHA-23 rd Edition 2017-E-SO ₄ ²⁻
12.	Total Alkalinity as CaCO ₃	mg/lit	419	≤200	IS3025(Part-23)RA 2009
13.	Nitrate as NO ₃	mg/lit	3.68	≤45.0	APHA 23 rd Edition 20174500-B- NO ₃
14.	Iron as Fe	mg/lit	BDL	≤0.3	IS3025(Part-53)
C) BACTERIOLOGICAL ANALYSIS					
15.	Coliform	MPN Index/100ml	Present	Absent	IS1622:1981 Reaff.2014
16.	Fecal Coliform	MPN Index/100ml	Present	Absent	IS1622:1981 Reaff.2014
17.	E- Coli	CFU/ml	Present	Absent	IS1622:1981 Reaff.2014

REMARK-

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- ❖ BDL- Below Detectable Limit.
- ❖ N.S-Not Specified.

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TEST REPORT		Page 1 of 1	
NAME OF COMPANY & ADDRESS: M/s. Bhima Shankar sahakari sakhar karkhana Ltd. Dattatraynagar, Pargaon Village-Awasari Bk. Tal.- Ambegaon, Dist. - Pune-412406		Report No	AL/TR/39-058/2020-21
		Report Date	02/02/2021
		Inward No	1-381
		Inward Date	25/01/2021
Sample Detail	Well Water-Santosh Dhoble(North East)	Analysis Start date	28/01/2021
Sample Collected By	Party	Analysis End date	01/02/2021
Sample Volume	2250 ml	Sample Condition	Fit For Analysis

Sr. No.	Parameter	Unit	Result	Desirable limits as per IS:10500, 2012	Method
A) PHYSICAL ANALYSIS					
1.	Colour	Hazen	BDL	≤5.00	IS3025(Part-4)
2.	Odour	--	Unobjectionable	Unobjectionable	IS3025(Part-5)
3.	Turbidity @ 25°C	NTU	0.30	≤1.0	IS3025(Part-10)
4.	Conductivity	µMHOs/cm	6121	N.S	IS 3025 (Part 14):2013
B) CHEMICAL ANALYSIS					
5.	pH @ 25°C	---	7.60	6.5 to 8.5	IS 3025 (Part 11) RA 2012 Electrometric Method
6.	Total Dissolved Solids	mg/lit	3240	≤500	IS 3025 (Part 16) RA 2012 Gravimetric method
7.	Total Hardness as CaCO ₃	mg/lit	758	≤200	IS3025(Part-21) RA 2014 EDTA Titrimetric method
8.	Calcium as Ca	mg/lit	184	≤75.0	IS3025(Part-40) RA 2009 EDTA Method
9.	Magnesium as Mg	mg/lit	71.4	≤30.0	APHA 23 rd Edition 2017 3500- Mg B Calculation method
10.	Chlorides as Cl	mg/lit	140	≤250	IS3025(Part-32) RA 2009 Argentometric Method
11.	Sulphate as SO ₄ ²⁻	mg/lit	7.00	≤200	APHA-23 rd Edition 2017-E-SO ₄ ²⁻
12.	Total Alkalinity as CaCO ₃	mg/lit	488	≤200	IS3025(Part-23)RA 2009
13.	Nitrate as NO ₃	mg/lit	3.68	≤45.0	APHA 23 rd Edition 20174500-B- NO ₃
14.	Iron as Fe	mg/lit	BDL	≤0.3	IS3025(Part-53)
C) BACTERIOLOGICAL ANALYSIS					
15.	Coliform	MPN Index/100ml	Present	Absent	IS1622:1981 Reaff.2014
16.	Fecal Coliform	MPN Index/100ml	Present	Absent	IS1622:1981 Reaff.2014
17.	E- Coli	CFU/ml	Present	Absent	IS1622:1981 Reaff.2014

REMARK-

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TEST REPORT		Page 1 of 1	
NAME OF COMPANY & ADDRESS: M/s. Bhima Shankar sahakari sakhar karkhana Ltd. Dattatraynagar, Pargaon Village-Awasari Bk. Tal.- Ambegaon, Dist. - Pune-412406		Report No	AL/TR/39-061/2020-21
		Report Date	02/02/2021
		Inward No	1-384
		Inward Date	25/01/2021
Sample Detail	Well Water- Suresh Pingle(North West)	Analysis Start date	28/01/2021
Sample Collected By	Party	Analysis End date	01/02/2021
Sample Volume	2250 ml	Sample Condition	Fit For Analysis

Sr. No.	Parameter	Unit	Result	Desirable limits as per IS:10500, 2012	Method
A) PHYSICAL ANALYSIS					
1.	Colour	Hazen	BDL	≤5.00	IS3025(Part-4)
2.	Odour	--	Unobjectionable	Unobjectionable	IS3025(Part-5)
3.	Turbidity @ 25°C	NTU	0.50	≤1.0	IS3025(Part-10)
4.	Conductivity	μMHOs/cm	6518	NS	IS 3025 (Part 14):2013
B) CHEMICAL ANALYSIS					
5.	pH @ 25°C	---	7.85	6.5 to 8.5	IS 3025 (Part 11) RA 2012 Electrometric Method
6.	Total Dissolved Solids	mg/lit	3424	≤500	IS 3025 (Part 16) RA 2012 Gravimetric method
7.	Total Hardness as CaCO ₃	mg/lit	585	≤200	IS3025(Part-21) RA 2014 EDTA Titrimetric method
8.	Calcium as Ca	mg/lit	165	≤75.0	IS3025(Part-40) RA 2009 EDTA Method
9.	Magnesium as Mg	mg/lit	41.5	≤30.0	APHA 23 rd Edition 2017 3500-Mg B Calculation method
10.	Chlorides as Cl	mg/lit	130	≤250	IS3025(Part-32) RA 2009 Argentometric Method
11.	Sulphate as SO ₄ ²⁻	mg/lit	4.19	≤200	APHA-23 rd Edition 2017-E-SO ₄ ²⁻
12.	Total Alkalinity as CaCO ₃	mg/lit	703	≤200	IS3025(Part-23)RA 2009
13.	Nitrate as NO ₃	mg/lit	3.69	≤45.0	APHA 23 rd Edition 20174500-B-NO ₃
14.	Iron as Fe	mg/lit	BDL	≤0.3	IS3025(Part-53)
C) BACTERIOLOGICAL ANALYSIS					
15.	Coliform	MPN Index/100ml	Present	Absent	IS1622:1981 Reaff.2014
16.	Fecal Coliform	MPN Index/100ml	Present	Absent	IS1622:1981 Reaff.2014
17.	E- Coli	CFU/ml	Present	Absent	IS1622:1981 Reaff.2014

REMARK-

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- ❖ BDL- Below Detectable Limit.
- ❖ N.S-Not Specified.

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(Analyst)

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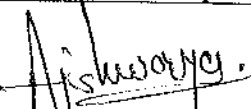
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TEST REPORT		Page 1 of 1	
NAME OF COMPANY & ADDRESS: M/s. Bhima Shankar sahakari sakhar karkhana Ltd. Dattatraynagar, Pargaon Village-Awasari Bk. Tal.- Ambegaon, Dist. - Pune-412406		Report No	AL/TR/39-062/2020-21
		Report Date	02/02/2021
		Inward No	1-385
		Inward Date	25/01/2021
Sample Detail	Well Water- Shivaji Ponde	Analysis Start date	28/01/2021
Sample Collected By	Party	Analysis End date	01/02/2021
Sample Volume	2250 ml	Sample Condition	Fit For Analysis

Sr. No.	Parameter	Unit	Result	Desirable limits as per IS:10500, 2012	Method
A) PHYSICAL ANALYSIS					
1.	Colour	Hazen	BDL	≤5.00	IS3025(Part-4)
2.	Odour	--	Unobjectionable	Unobjectionable	IS3025(Part-5)
3.	Turbidity @ 25°C	NTU	0.20	≤1.0	IS3025(Part-10)
4.	Conductivity	μMHOs/cm	6762	N.S	IS 3025 (Part 14):2013
B) CHEMICAL ANALYSIS					
5.	pH @ 25°C	---	7.53	6.5 to 8.5	IS 3025 (Part 11) RA 2012 Electrometric Method
6.	Total Dissolved Solids	mg/lit	3571	≤500	IS 3025 (Part 16) RA 2012 Gravimetric method
7.	Total Hardness as CaCO ₃	mg/lit	700	≤200	IS3025(Part-21) RA 2014 EDTA Titrimetric method
8.	Calcium as Ca	mg/lit	230	≤75.0	IS3025(Part-40) RA 2009 EDTA Method
9.	Magnesium as Mg	mg/lit	30.0	≤30.0	APHA 23 rd Edition 2017 3500- Mg B Calculation method
10.	Chlorides as Cl	mg/lit	239	≤250	IS3025(Part-32) RA 2009 Argentometric Method
11.	Sulphate as SO ₄ ²⁻	mg/lit	6.95	≤200	APHA-23 rd Edition 2017-E-SO ₄ ²⁻
12.	Total Alkalinity as CaCO ₃	mg/lit	408	≤200	IS3025(Part-23)RA 2009
13.	Nitrate as NO ₃	mg/lit	3.67	≤45.0	APHA 23 rd Edition 20174500-B- NO ₃
14.	Iron as Fe	mg/lit	BDL	≤0.3	IS3025(Part-53)
C) BACTERIOLOGICAL ANALYSIS					
15.	Coliform	MPN Index/100ml	Present	Absent	IS1622:1981 Reaff.2014
16.	Fecal Coliform	MPN Index/100ml	Present	Absent	IS1622:1981 Reaff.2014
17.	E- Coli	CFU/ml	Present	Absent	IS1622:1981 Reaff.2014

REMARK-

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- ❖ The contents of this test report shall not be reproduced in part or without written approval of lab incharge.
- ❖ BDL- Below Detectable Limit.
- ❖ N.S-Not Specified.


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1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that this is essential for ensuring transparency and accountability in the organization's operations.

2. The second part of the document outlines the various methods and tools used to collect and analyze data. It highlights the need for consistent data collection procedures and the use of advanced analytical techniques to derive meaningful insights from the data.

3. The third part of the document focuses on the implementation of data-driven decision-making processes. It provides a framework for how to integrate data analysis into the organization's strategic planning and operational decision-making.

4. The final part of the document discusses the challenges and opportunities associated with data management and analysis. It offers practical advice on how to overcome common obstacles and leverage the full potential of data in the organization.



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TEST REPORT		Page 1 of 1
NAME OF COMPANY & ADDRESS: M/s. Bhima Shankar sahakari sakhar karkhana Ltd. Dattatraynagar, Pargaon Village-Awasari Bk. Tal.- Ambegaon, Dist. - Pune-412406		Report No AL/TR/39-442/2020-21
		Report Date 03/03/2021
		Inward No 2-323
		Inward Date 22/02/2021
Sample Detail	Borewell water-Nandu Sable East Side	Analysis Start date 24/02/2021
Sample Collected By	Party	Analysis End date 02/03/2021
Sample Volume	2250 ml	Sample Condition Fit For Analysis

Sr. No.	Parameter	Unit	Result	Desirable limits as per IS:10500, 2012	Method
A) PHYSICAL ANALYSIS					
1.	Colour	Hazen	BDL	≤5.00	IS3025(Part-4)
2.	Odour	--	Unobjectionable	Unobjectionable	IS3025(Part-5)
3.	Turbidity @ 25°C	NTU	0.88	≤1.0	IS3025(Part-10)
4.	Conductivity	μMHOs/cm	2401	N.S.	IS 3025 (Part 14):2013
B) CHEMICAL ANALYSIS					
5.	pH @ 25°C	---	7.18	6.5 to 8.5	IS 3025 (Part 11) RA 2012 Electrometric Method
6.	Total Dissolved Solids	mg/lit	1561	≤500	IS 3025 (Part 16) RA 2012 Gravimetric method
7.	Total Hardness as CaCO ₃	mg/lit	1089	≤200	IS3025(Part-21) RA 2014 EDTA Titrimetric method
8.	Calcium as Ca	mg/lit	297	≤75.0	IS3025(Part-40) RA 2009 EDTA Method
9.	Magnesium as Mg	mg/lit	83.2	≤30.0	APHA 23 rd Edition 2017 3500- Mg B Calculation method
10.	Chlorides as Cl	mg/lit	58.3	≤250	IS3025(Part-32) RA 2009 Argentometric Method
11.	Sulphate as SO ₄ ²⁻	mg/lit	97.0	≤200	APHA-23 rd Edition 2017-E-SO ₄ ²⁻
12.	Total Alkalinity as CaCO ₃	mg/lit	467	≤200	IS3025(Part-23)RA 2009
13.	Nitrate as NO ₃	mg/lit	2.42	≤45.0	APHA 23 rd Edition 20174500-B- NO ₃
14.	Iron as Fe	mg/lit	BDL	≤0.3	IS3025(Part-53)
C) BACTERIOLOGICAL ANALYSIS					
15.	Coliform	MPN Index/100ml	Absent	Absent	IS1622:1981 Reaff.2014
16.	Fecal Coliform	MPN Index/100ml	Absent	Absent	IS1622:1981 Reaff.2014
17.	E. Coli	CFU/ml	Absent	Absent	IS1622:1981 Reaff.2014

REMARK-

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TEST REPORT		Page 1 of 1	
NAME OF COMPANY & ADDRESS: M/s. Bhima Shankar sahakari sakhar karkhana Ltd. Dattatraynagar, Pargaon Village-Awasari Bk. Tal.- Ambegaon, Dist. - Pune-412406		Report No	AL/TR/39-441/2020-21
		Report Date	03/03/2021
		Inward No	2-322
		Inward Date	22/02/2021
Sample Detail	Well water-Rohidas Bhagwat West Side	Analysis Start date	24/02/2021
Sample Collected By	Party	Analysis End date	02/03/2021
Sample Volume	2250 ml	Sample Condition	Fit For Analysis

Sr. No.	Parameter	Unit	Result	Desirable limits as per IS:10500, 2012	Method
A) PHYSICAL ANALYSIS					
1.	Colour	Hazen	BDL	≤5.00	IS3025(Part-4)
2.	Odour	--	Unobjectionable	Unobjectionable	IS3025(Part-5)
3.	Turbidity @ 25°C	NTU	0.28	≤1.0	IS3025(Part-10)
4.	Conductivity	µMHOS/cm	2003	N.S	IS 3025 (Part 14):2013
B) CHEMICAL ANALYSIS					
5.	pH @ 25°C	---	7.36	6.5 to 8.5	IS 3025 (Part 11) RA 2012 Electrometric Method
6.	Total Dissolved Solids	mg/lit	1302	≤500	IS 3025 (Part 16) RA 2012 Gravimetric method
7.	Total Hardness as CaCO ₃	mg/lit	762	≤200	IS3025(Part-21) RA 2014 EDTA Titrimetric method
8.	Calcium as Ca	mg/lit	206	≤75.0	IS3025(Part-40) RA 2009 EDTA Method
9.	Magnesium as Mg	mg/lit	59.4	≤30.0	APHA 23 rd Edition 2017 3500- Mg B Calculation method
10.	Chlorides as Cl	mg/lit	218	≤250	IS3025(Part-32) RA 2009 Argentometric Method
11.	Sulphate as SO ₄ ²⁻	mg/lit	9.15	≤200	APHA-23 rd Edition 2017-E-SO ₄ ²⁻
12.	Total Alkalinity as CaCO ₃	mg/lit	536	≤200	IS3025(Part-23)RA 2009
13.	Nitrate as NO ₃	mg/lit	7.24	≤45.0	APHA 23 rd Edition 20174500-B- NO ₃
14.	Iron as Fe	mg/lit	BDL	≤0.3	IS3025(Part-53)
C) BACTERIOLOGICAL ANALYSIS					
15.	Coliform	MPN Index/100ml	Absent	Absent	IS1622:1981 Reaff.2014
16.	Fecal Coliform	MPN Index/100ml	Absent	Absent	IS1622:1981 Reaff.2014
17.	E- Coli	CFU/ml	Absent	Absent	IS1622:1981 Reaff.2014

REMARK-

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TEST REPORT		Page 1 of 1	
NAME OF COMPANY & ADDRESS: M/s. Bhima Shankar sahakari sakhar karkhana Ltd. Dattatraynagar, Pargaon Village-Awasari Bk. Tal.- Ambegaon, Dist. - Pune-412406		Report No	AL/TR/39-443/2020-21
		Report Date	03/03/2021
		Inward No	2-324
		Inward Date	22/02/2021
Sample Detail	Well Water-Ramdas Thorat North Side	Analysis Start date	24/02/2021
Sample Collected By	Party	Analysis End date	02/03/2021
Sample Volume	2250 ml	Sample Condition	Fit For Analysis

Sr. No.	Parameter	Unit	Result	Desirable limits as per IS:10500, 2012	Method
A) PHYSICAL ANALYSIS					
1.	Colour	Hazen	BDL	≤5.00	IS3025(Part-4)
2.	Odour	--	Unobjectionable	Unobjectionable	IS3025(Part-5)
3.	Turbidity @ 25°C	NTU	0.68	≤1.0	IS3025(Part-10)
4.	Conductivity	μMHOs/cm	1635	N.S	IS 3025 (Part 14):2013
B) CHEMICAL ANALYSIS					
5.	pH @ 25°C	---	7.80	6.5 to 8.5	IS 3025 (Part 11) RA 2012 Electrometric Method
6.	Total Dissolved Solids	mg/lit	1063	≤500	IS 3025 (Part 16) RA 2012 Gravimetric method
7.	Total Hardness as CaCO ₃	mg/lit	545	≤200	IS3025(Part-21) RA 2014 EDTA Titrimetric method
8.	Calcium as Ca	mg/lit	132	≤75.0	IS3025(Part-40) RA 2009 EDTA Method
9.	Magnesium as Mg	mg/lit	50.0	≤30.0	APHA 23 rd Edition 2017 3500-Mg B Calculation method
10.	Chlorides as Cl	mg/lit	63.1	≤250	IS3025(Part-32) RA 2009 Argentometric Method
11.	Sulphate as SO ₄ ²⁻	mg/lit	8.31	≤200	APHA-23 rd Edition 2017-E-SO ₄ ²⁻
12.	Total Alkalinity as CaCO ₃	mg/lit	513	≤200	IS3025(Part-23)RA 2009
13.	Nitrate as NO ₃	mg/lit	6.19	≤45.0	APHA 23 rd Edition 20174500-B-NO ₃
14.	Iron as Fe	mg/lit	BDL	≤0.3	IS3025(Part-53)
C) BACTERIOLOGICAL ANALYSIS					
15.	Coliform	MPN Index/100ml	Present	Absent	IS1622:1981 Reaff.2014
16.	Fecal Coliform	MPN Index/100ml	Present	Absent	IS1622:1981 Reaff.2014
17.	E- Coli	CFU/ml	Present	Absent	IS1622:1981 Reaff.2014

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TEST REPORT		Page 1 of 1	
NAME OF COMPANY & ADDRESS: M/s. Bhima Shankar sahakari sakhar karkhana Ltd. Dattatraynagar, Pargaon Village-Awasari Bk. Tal.- Ambegaon, Dist. - Pune-412406		Report No	AL/TR/39-440/2020-21
		Report Date	03/03/2021
		Inward No	2-321
		Inward Date	22/02/2021
Sample Detail	Borewell water-Shankar Datir South Side	Analysis Start date	24/02/2021
Sample Collected By	Party	Analysis End date	02/03/2021
Sample Volume	2250 ml	Sample Condition	Fit For Analysis

Sr. No.	Parameter	Unit	Result	Desirable limits as per IS:10500, 2012	Method
A) PHYSICAL ANALYSIS					
1.	Colour	Hazen	BDL	≤5.00	IS3025(Part-4)
2.	Odour	--	Unobjectionable	Unobjectionable	IS3025(Part-5)
3.	Turbidity @ 25°C	NTU	0.48	<1.0	IS3025(Part-10)
4.	Conductivity	μMHOs/cm	1906	N.S	IS 3025 (Part 14):2013
B) CHEMICAL ANALYSIS					
5.	pH @ 25°C	---	7.38	6.5 to 8.5	IS 3025 (Part 11) RA 2012 Electrometric Method
6.	Total Dissolved Solids	mg/lit	1239	≤500	IS 3025 (Part 16) RA 2012 Gravimetric method
7.	Total Hardness as CaCO ₃	mg/lit	812	≤200	IS3025(Part-21) RA 2014 EDTA Titrimetric method
8.	Calcium as Ca	mg/lit	242	≤75.0	IS3025(Part-40) RA 2009 EDTA Method
9.	Magnesium as Mg	mg/lit	50.0	≤30.0	APHA 23 rd Edition 2017 3500-Mg B Calculation method
10.	Chlorides as Cl	mg/lit	208	≤250	IS3025(Part-32) RA 2009 Argentometric Method
11.	Total Alkalinity as CaCO ₃	mg/lit	422	≤200	IS3025(Part-23)RA 2009
12.	Sulphate as SO ₄ ²⁻	mg/lit	28.5	≤200	APHA-23 rd Edition 2017-E-SO ₄ ²⁻
13.	Nitrate as NO ₃	mg/lit	5.83	≤45.0	APHA 23 rd Edition 20174500-B-NO ₃
14.	Iron as Fe	mg/lit	BDL	≤0.3	IS3025(Part-53)
C) BACTERIOLOGICAL ANALYSIS					
15.	Coliform	MPN Index/100ml	Present	Absent	IS1622:1981 Reaff.2014
16.	Fecal Coliform	MPN Index/100ml	Present	Absent	IS1622:1981 Reaff.2014
17.	E- Coli	CFU/ml	Present	Absent	IS1622:1981 Reaff.2014

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TEST REPORT		Page 1 of 1	
NAME OF COMPANY & ADDRESS: M/s. Bhima Shankar sahakari sakhar karkhana Ltd. Dattatraynagar, Pargaon Village-Awasari Bk. Tal.- Ambegaon, Dist. - Pune-412406		Report No	AL/TR/39-445/2020-21
		Report Date	03/03/2021
		Inward No	2-326
		Inward Date	22/02/2021
Sample Detail	River water Sangam	Analysis Start date	24/02/2021
Sample Collected By	Party	Analysis End date	02/03/2021
Sample Volume	2250 ml	Sample Condition	Fit For Analysis

Sr. No.	Parameter	Unit	Result	Desirable limits as per IS:10500, 2012	Method
A) PHYSICAL ANALYSIS					
1.	Colour	Hazen	BDL	≤5.00	IS3025(Part-4)
2.	Odour	--	Unobjectionable	Unobjectionable	IS3025(Part-5)
3.	Turbidity @ 25°C	NTU	0.88	≤1.0	IS3025(Part-10)
4.	Conductivity	µMHOs/cm	721	N.S	IS 3025 (Part 14):2013
B) CHEMICAL ANALYSIS					
5.	pH @ 25°C	---	8.20	6.5 to 8.5	IS 3025 (Part 11) RA 2012 Electrometric Method
6.	Total Dissolved Solids	mg/lit	469	≤500	IS 3025 (Part 16) RA 2012 Gravimetric method
7.	Total Hardness as CaCO ₃	mg/lit	248	≤200	IS3025(Part-21) RA 2014 EDTA Titrimetric method
8.	Calcium as Ca	mg/lit	75.2	≤75.0	IS3025(Part-40) RA 2009 EDTA Method
9.	Magnesium as Mg	mg/lit	14.3	≤30.0	APHA 23 rd Edition 2017 3500- Mg B Calculation method
10.	Chlorides as Cl	mg/lit	305	≤250	IS3025(Part-32) RA 2009 Argentometric Method
11.	Sulphate as SO ₄ ²⁻	mg/lit	4.41	≤200	APHA-23 rd Edition 2017-E-SO ₄ ²⁻
12.	Total Alkalinity as CaCO ₃	mg/lit	217	≤200	IS3025(Part-23)RA 2009
13.	Nitrate as NO ₃	mg/lit	1.98	≤45.0	APHA 23 rd Edition 20174500-B- NO ₃
14.	Iron as Fe	mg/lit	BDL	≤0.3	IS3025(Part-53)
C) BACTERIOLOGICAL ANALYSIS					
15.	Coliform	MPN Index/100ml	Present	Absent	IS1622:1981 Reaff.2014
16.	Fecal Coliform	MPN Index/100ml	Present	Absent	IS1622:1981 Reaff.2014
17.	E- Coli	CFU/ml	Present	Absent	IS1622:1981 Reaff.2014

REMARK-

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TEST REPORT		Page 1 of 1	
NAME OF COMPANY & ADDRESS: M/s. Bhima Shankar sahakari sakhar karkhana Ltd. Dattatraynagar, Pargaon Village-Awasari Bk. Tal.- Ambegaon, Dist. - Pune-412406		Report No	AL/TR/39-444/2020-21
		Report Date	03/03/2021
		Inward No	2-325
		Inward Date	22/02/2021
Sample Detail	Karkhana Raw Water	Analysis Start date	24/02/2021
Sample Collected By	Party	Analysis End date	02/03/2021
Sample Volume	2250 ml	Sample Condition	Fit For Analysis

Sr. No.	Parameter	Unit	Result	Desirable limits as per IS:10500, 2012	Method
A) PHYSICAL ANALYSIS					
1.	Colour	Hazen	BDL	≤5.00	IS3025(Part-4)
2.	Odour	--	Unobjectionable	Unobjectionable	IS3025(Part-5)
3.	Turbidity @ 25°C	NTU	0.26	≤1.0	IS3025(Part-10)
4.	Conductivity	µMHOS/cm	749	N.S	IS 3025 (Part 14):2013
B) CHEMICAL ANALYSIS					
5.	pH @ 25°C	---	8.16	6.5 to 8.5	IS 3025 (Part 11) RA 2012 Electrometric Method
6.	Total Dissolved Solids	mg/lit	487	≤500	IS 3025 (Part 16) RA 2012 Gravimetric method
7.	Total Hardness as CaCO ₃	mg/lit	277	≤200	IS3025(Part-21) RA 2014 EDTA Titrimetric method
8.	Calcium as Ca	mg/lit	47.5	≤75.0	IS3025(Part-40) RA 2009 EDTA Method
9.	Magnesium as Mg	mg/lit	38.0	≤30.0	APHA 23 rd Edition 2017 3500- Mg B Calculation method
10.	Chlorides as Cl	mg/lit	43.7	≤250	IS3025(Part-32) RA 2009 Argentometric Method
11.	Sulphate as SO ₄ ²⁻	mg/lit	4.24	≤200	APHA-23 rd Edition 2017-E-SO ₄ ²⁻
12.	Total Alkalinity as CaCO ₃	mg/lit	205	≤200	IS3025(Part-23)RA 2009
13.	Nitrate as NO ₃	mg/lit	2.08	≤45.0	APHA 23 rd Edition 20174500-B- NO ₃
14.	Iron as Fe	mg/lit	BDL	≤0.3	IS3025(Part-53)
C) BACTERIOLOGICAL ANALYSIS					
15.	Coliform	MPN Index/100ml	Absent	Absent	IS1622:1981 Reaff.2014
16.	Fecal Coliform	MPN Index/100ml	Absent	Absent	IS1622:1981 Reaff.2014
17.	E- Coli	CFU/ml	Absent	Absent	IS1622:1981 Reaff.2014

REMARK-

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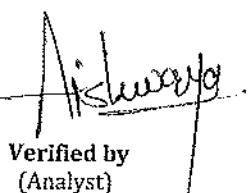
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TEST REPORT		Page 1 of 1	
NAME OF COMPANY & ADDRESS: M/s. Bhima Shankar Sahakari Sakhar Karkhana Ltd. Dattatraynagar, Pargaon Village-Awasari Bk. Tal. - Ambegaon, Dist. - Pune-412406.		Report No	AL/TR/39-986/2021-22
		Report Date	03/04/2021
		Inward No	3-452
		Inward Date	28/03/2021
Sample Detail	Borewell East Side Shri.Mauli Shete	Analysis Start date	30/03/2021
Sample Collected By	Party	Analysis End date	02/04/2021
Sample Volume	2250 ml	Sample Condition	Fit For Analysis

Sr. No.	Parameter	Unit	Result	Desirable limits as per IS:10500, 2012	Method
A) PHYSICAL ANALYSIS					
1.	Colour	Hazen	BDL	≤5.00	IS3025(Part-4)
2.	Odour	--	Unobjectionable	Unobjectionable	IS3025(Part-5)
3.	Turbidity @ 25°C	NTU	0.77	≤1.0	IS3025(Part-10)
4.	Conductivity	μMHOs/cm	1935	N.S	IS 3025 (Part 14):2013
B) CHEMICAL ANALYSIS					
5.	pH @ 25°C	---	7.40	6.5 to 8.5	IS 3025 (Part 11) RA 2012 Electrometric Method
6.	Total Dissolved Solids	mg/lit	1258	≤500	IS 3025 (Part 16) RA 2012 Gravimetric method
7.	Total Hardness as CaCO ₃	mg/lit	760	≤200	IS3025(Part-21) RA 2014 EDTA Titrimetric method
8.	Calcium as Ca	mg/lit	188	≤75.0	IS3025(Part-40) RA 2009 EDTA Method
9.	Magnesium as Mg	mg/lit	69.6	≤30.0	APHA 23 rd Edition 2017 3500- Mg B Calculation method
10.	Chlorides as Cl	mg/lit	44.6	≤250	IS3025(Part-32) RA 2009 Argentometric Method
11.	Total Alkalinity as CaCO ₃	mg/lit	455	≤200	IS3025(Part-23)RA 2009
12.	Sulphate as SO ₄ ²⁻	mg/lit	55.2	≤200	APHA-23 rd Edition 2017-E-SO ₄ ²⁻
13.	Nitrate as NO ₃	mg/lit	6.03	≤45.0	APHA 23 rd Edition 20174500-B- NO ₃
14.	Iron as Fe	mg/lit	BDL	≤0.3	IS3025(Part-53)
C) BACTERIOLOGICAL ANALYSIS					
15.	Coliform	MPN Index/100ml	Present	Absent	IS1622:1981 Reaff.2014
16.	Fecal Coliform	MPN Index/100ml	Present	Absent	IS1622:1981 Reaff.2014
17.	E- Coli	CFU/ml	Present	Absent	IS1622:1981 Reaff.2014

REMARK-

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- ❖ BDL- Below Detectable Limit.
- ❖ N.S-Not Specified.


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TEST REPORT

NAME OF COMPANY & ADDRESS:		Report No	Page 1 of 1
M/s. Bhima Shankar Sahakari Sakhar Karkhana Ltd. Dattatraynagar, Pargaon Village-Awasari Bk. Tal.- Ambegaon, Dist. - Pune-412406		Report Date	AL/TR/39-987/2021-22
		Inward No	03/04/2021
		Inward Date	3-453
		Analysis Start date	28/03/2021
Sample Detail	Well Water West Side Shri. Ganesh Borage	Analysis End date	30/03/2021
Sample Collected By	Party	Sample Condition	02/04/2021
Sample Volume	2250 ml		Fit For Analysis

Sr. No.	Parameter	Unit	Result	Desirable limits as per IS:10500, 2012	Method
A) PHYSICAL ANALYSIS					
1.	Colour	Hazen	BDL	≤5.00	IS3025(Part-4)
2.	Odour	--	Unobjectionable	Unobjectionable	IS3025(Part-5)
3.	Turbidity @ 25°C	NTU	1.01	≤1.0	IS3025(Part-10)
4.	Conductivity	μMHOs/cm	2287	N.S	IS 3025 (Part 14):2013
B) CHEMICAL ANALYSIS					
5.	pH @ 25°C	---	8.35	6.5 to 8.5	IS 3025 (Part 11) RA 2012 Electrometric Method
6.	Total Dissolved Solids	mg/lit	1487	≤500	IS 3025 (Part 16) RA 2012 Gravimetric method
7.	Total Hardness as CaCO ₃	mg/lit	430	≤200	IS3025(Part-21) RA 2014 EDTA Titrimetric method
8.	Calcium as Ca	mg/lit	116	≤75.0	IS3025(Part-40) RA 2009 EDTA Method
9.	Magnesium as Mg	mg/lit	33.6	≤30.0	APHA 23 rd Edition 2017 3500-Mg B Calculation method
10.	Chlorides as Cl	mg/lit	203	≤250	IS3025(Part-32) RA 2009 Argentometric Method
11.	Total Alkalinity as CaCO ₃	mg/lit	821	≤200	IS3025(Part-23)RA 2009
12.	Sulphate as SO ₄ ²⁻	mg/lit	8.81	≤200	APHA-23 rd Edition 2017-E-SO ₄ ²⁻
13.	Nitrate as NO ₃	mg/lit	9.53	≤45.0	APHA 23 rd Edition 20174500-B-NO ₃
14.	Iron as Fe	mg/lit	BDL	≤0.3	IS3025(Part-53)
C) BACTERIOLOGICAL ANALYSIS					
15.	Coliform	MPN Index/100ml	Present	Absent	IS1622:1981 Reaff.2014
16.	Fecal Coliform	MPN Index/100ml	Present	Absent	IS1622:1981 Reaff.2014
17.	E- Coli	CFU/ml	Present	Absent	IS1622:1981 Reaff.2014

REMARK-

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- ❖ N.S-Not Specified.

Aishwarya
Verified by
(Analyst)

Rajesh
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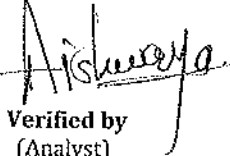
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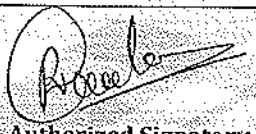
TEST REPORT		Page 1 of 1	
NAME OF COMPANY& ADDRESS: M/s. Bhima Shankar Sahakari Sakhar Karkhana Ltd. Dattatraynagar, Pargaon Village-Awasari Bk. Tal.- Ambegaon, Dist. - Pune-412406		Report No	AL/TR/39-988/2021-22
		Report Date	03/04/2021
		Inward No	3-454
		Inward Date	28/03/2021
Sample Detail	Well Water North Side shri. Damu Dhobale	Analysis Start date	30/03/2021
Sample Collected By	Party	Analysis End date	02/04/2021
Sample Volume	2250 ml	Sample Condition	Fit For Analysis

Sr. No.	Parameter	Unit	Result	Desirable limits as per IS:10500, 2012	Method
A) PHYSICAL ANALYSIS					
1.	Colour	Hazen	BDL	≤5.00	IS3025(Part-4)
2.	Odour	--	Unobjectionable	Unobjectionable	IS3025(Part-5)
3.	Turbidity @ 25°C	NTU	0.84	≤1.0	IS3025(Part-10)
4.	Conductivity	µMHOS/cm	1569	N.S	IS 3025 (Part 14):2013
B) CHEMICAL ANALYSIS					
5.	pH @ 25°C	---	7.65	6.5 to 8.5	IS 3025 (Part 11) RA 2012 Electrometric Method
6.	Total Dissolved Solids	mg/lit	1020	≤500	IS 3025 (Part 16) RA 2012 Gravimetric method
7.	Total Hardness as CaCO ₃	mg/lit	550	≤200	IS3025(Part-21) RA 2014 EDTA Titrimetric method
8.	Calcium as Ca	mg/lit	128	≤75.0	IS3025(Part-40) RA 2009 EDTA Method
9.	Magnesium as Mg	mg/lit	55.2	≤30.0	APHA 23 rd Edition 2017 3500-Mg B Calculation method
10.	Chlorides as Cl	mg/lit	104	≤250	IS3025(Part-32) RA 2009 Argentometric Method
11.	Total Alkalinity as CaCO ₃	mg/lit	322	≤200	IS3025(Part-23)RA 2009
12.	Sulphate as SO ₄ ²⁻	mg/lit	30.7	≤200	APHA-23 rd Edition 2017-E-SO ₄ ²⁻
13.	Nitrate as NO ₃	mg/lit	8.31	≤45.0	APHA 23 rd Edition 20174500-B-NO ₃
14.	Iron as Fe	mg/lit	BDL	≤0.3	IS3025(Part-53)
C) BACTERIOLOGICAL ANALYSIS					
15.	Coliform	MPN Index/100ml	Present	Absent	IS1622:1981 Reaff.2014
16.	Fecal Coliform	MPN Index/100ml	Present	Absent	IS1622:1981 Reaff.2014
17.	E- Coli	CFU/ml	Present	Absent	IS1622:1981 Reaff.2014

REMARK-

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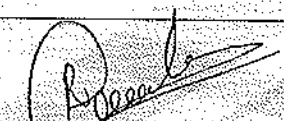
TEST REPORT		Page 1 of 1	
NAME OF COMPANY & ADDRESS: M/s. Bhima Shankar Sahakari Sakhar Karkhana Ltd. Dattatraynagar, Pargaon Village-Awasari Bk. Tal.- Ambegaon, Dist. - Pune-412406		Report No	AL/TR/39-989/2021-22
		Report Date	03/04/2021
		Inward No	3-455
		Inward Date	28/03/2021
Sample Detail	Well Water South Side Shri Shivaji Pande	Analysis Start date	30/03/2021
Sample Collected By	Party	Analysis End date	02/04/2021
Sample Volume	2250 ml	Sample Condition	Fit For Analysis

Sr. No.	Parameter	Unit	Result	Desirable limits as per IS:10500, 2012	Method
A) PHYSICAL ANALYSIS					
1.	Colour	Hazen	BDL	≤5.00	IS3025(Part-4)
2.	Odour	--	Unobjectionable	Unobjectionable	IS3025(Part-5)
3.	Turbidity @ 25°C	NTU	0.97	≤1.0	IS3025(Part-10)
4.	Conductivity	μMHOs/cm	1980	N.S	IS 3025 (Part 14):2013
B) CHEMICAL ANALYSIS					
5.	pH @ 25°C	---	7.53	6.5 to 8.5	IS 3025 (Part 11) RA 2012 Electrometric Method
6.	Total Dissolved Solids	mg/lit	1287	≤500	IS 3025 (Part 16) RA 2012 Gravimetric method
7.	Total Hardness as CaCO ₃	mg/lit	760	≤200	IS3025(Part-21) RA 2014 EDTA Titrimetric method
8.	Calcium as Ca	mg/lit	156	≤75.0	IS3025(Part-40) RA 2009 EDTA Method
9.	Magnesium as Mg	mg/lit	88.8	≤30.0	APHA 23 rd Edition 2017 3500- Mg B Calculation method
10.	Chlorides as Cl	mg/lit	248	≤250	IS3025(Part-32) RA 2009 Argentometric Method
11.	Total Alkalinity as CaCO ₃	mg/lit	388	≤200	IS3025(Part-23)RA 2009
12.	Sulphate as SO ₄ ²⁻	mg/lit	24.9	≤200	APHA-23 rd Edition 2017-E-SO ₄ ²⁻
13.	Nitrate as NO ₃	mg/lit	5.89	≤45.0	APHA 23 rd Edition 2017 4500-B- NO ₃
14.	Iron as Fe	mg/lit	BDL	≤0.3	IS3025(Part-53)
C) BACTERIOLOGICAL ANALYSIS					
15.	Coliform	MPN Index/100ml	Present	Absent	IS1622:1981 Reaff.2014
16.	Fecal Coliform	MPN Index/100ml	Present	Absent	IS1622:1981 Reaff.2014
17.	E- Coli	CFU/ml	Present	Absent	IS1622:1981 Reaff.2014

REMARK-

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TEST REPORT		Page 1 of 1	
NAME OF COMPANY& ADDRESS: M/s. Bhima Shankar Sahakari Sakhar Karkhana Ltd. Dattatraynagar, Pargaon Village-Awasari Bk. Tal.- Ambegaon, Dist. - Pune-412406		Report No	AL/TR/39-990/2021-22
		Report Date	03/04/2021
		Inward No	3-456
		Inward Date	28/03/2021
Sample Detail	Borewell Near Karkhana Shri. Somnath Sable	Analysis Start date	30/03/2021
Sample Collected By	Party	Analysis End date	02/04/2021
Sample Volume	2250 ml	Sample Condition	Fit For Analysis

Sr. No.	Parameter	Unit	Result	Desirable limits as per IS:10500, 2012	Method
A) PHYSICAL ANALYSIS					
1.	Colour	Hazen	BDL	≤5.00	IS3025(Part-4)
2.	Odour	--	Unobjectionable	Unobjectionable	IS3025(Part-5)
3.	Turbidity @ 25°C	NTU	0.96	≤1.0	IS3025(Part-10)
4.	Conductivity	μMHOs/cm	1343	N.S	IS 3025 (Part 14):2013
B) CHEMICAL ANALYSIS					
5.	pH @ 25°C	---	7.82	6.5 to 8.5	IS 3025 (Part 11) RA 2012 Electrometric Method
6.	Total Dissolved Solids	mg/lit	873	≤500	IS 3025 (Part 16) RA 2012 Gravimetric method
7.	Total Hardness as CaCO ₃	mg/lit	450	≤200	IS3025(Part-21) RA 2014 EDTA Titrimetric method
8.	Calcium as Ca	mg/lit	80.0	≤75.0	IS3025(Part-40) RA 2009 EDTA Method
9.	Magnesium as Mg	mg/lit	60.0	≤30.0	APHA 23 rd Edition 2017 3500- Mg B Calculation method
10.	Chlorides as Cl	mg/lit	49.6	≤250	IS3025(Part-32) RA 2009 Argentometric Method
11.	Total Alkalinity as CaCO ₃	mg/lit	422	≤200	IS3025(Part-23)RA 2009
12.	Sulphate as SO ₄ ²⁻	mg/lit	44.4	≤200	APHA-23 rd Edition 2017-E-SO ₄ ²⁻
13.	Nitrate as NO ₃	mg/lit	7.96	≤45.0	APHA 23 rd Edition 2017 4500-B- NO ₃
14.	Iron as Fe	mg/lit	BDL	≤0.3	IS3025(Part-53)
C) BACTERIOLOGICAL ANALYSIS					
15.	Coliform	MPN Index/100ml	Present	Absent	IS1622:1981 Reaff.2014
16.	Fecal Coliform	MPN Index/100ml	Present	Absent	IS1622:1981 Reaff.2014
17.	E- Coli	CFU/ml	Present	Absent	IS1622:1981 Reaff.2014

REMARK-

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TEST REPORT		Page 1 of 1	
NAME OF COMPANY & ADDRESS: M/s. Bhima Shankar Sahakari Sakhar Karkhana Ltd. Dattatraynagar, Pargaon Village-Awasari Bk. Tal. - Ambegaon, Dist. - Pune-412406.		Report No	AL/TR/40-315/2021-22
		Report Date	30/04/2021
		Inward No	4-316
		Inward Date	23/04/2021
Sample Detail	Borewell Water- Balshriram waval South west	Analysis Start date	24/04/2021
Sample Collected By	Party	Analysis End date	28/04/2021
Sample Volume	2250 ml	Sample Condition	Fit For Analysis

Sr. No.	Parameter	Unit	Result	Desirable limits as per IS:10500, 2012	Method
A) PHYSICAL ANALYSIS					
1.	Colour	Hazen	BDL	≤5.00	IS3025(Part-4)
2.	Odour	--	Unobjectionable	Unobjectionable	IS3025(Part-5)
3.	Turbidity @ 25°C	NTU	1.08	≤1.00	IS3025(Part-10)
4.	Conductivity	μMHOS/cm	10230	N.S	IS 3025 (Part 14):2013
B) CHEMICAL ANALYSIS					
5.	pH @ 25°C	---	7.78	6.5 to 8.5	IS 3025 (Part 11) RA 2012 Electrometric Method
6.	Total Dissolved Solids	mg/lit	925	≤500	IS 3025 (Part 16) RA 2012 Gravimetric method
7.	Chlorides as Cl	mg/lit	79.4	≤250	IS3025(Part-32) RA 2009 Argentometric Method
8.	Total Alkalinity as CaCO ₃	mg/lit	378	≤200	IS3025(Part-23)RA 2009
9.	Total Hardness as CaCO ₃	mg/lit	540	≤200	IS3025(Part-21) RA 2014 EDTA Titrimetric method
10.	Calcium as Ca	mg/lit	160	≤75.0	IS3025(Part-40) RA 2009 EDTA Method
11.	Magnesium as Mg	mg/lit	33.6	≤30.0	APHA 23 rd Edition 2017 3500- Mg B Calculation method
12.	Sulphate as SO ₄ ²⁻	mg/lit	12.2	≤200	APHA-23 rd Edition 2017-E-SO ₄ ²⁻
13.	Nitrate as NO ₃	mg/lit	8.70	≤45.0	APHA 23 rd Edition 20174500-B- NO ₃
14.	Iron as Fe	mg/lit	BDL	≤0.3	IS3025(Part-53)
C) BACTERIOLOGICAL ANALYSIS					
15.	Coliform	MPN Index/100ml	Present	Absent	IS1622:1981 Reaff.2014
16.	Fecal Coliform	MPN Index/100ml	Present	Absent	IS1622:1981 Reaff.2014
17.	E- Coli	CFU/ml	Present	Absent	IS1622:1981 Reaff.2014

REMARK-

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TEST REPORT		Page 1 of 1	
NAME OF COMPANY & ADDRESS: M/s. Bhima Shankar Sahakari Sakhar Karkhana Ltd. Dattatraynagar, Pargaon Village-Awasari Bk. Tal.- Ambegaon, Dist. - Pune-412406		Report No	AL/TR/40-316/2021-22
		Report Date	30/04/2021
		Inward No	4-317
		Inward Date	23/04/2021
Sample Detail	Well water-Sakharam take south west	Analysis Start date	24/04/2021
Sample Collected By	Party	Analysis End date	28/04/2021
Sample Volume	2250 ml	Sample Condition	Fit For Analysis

Sr. No.	Parameter	Unit	Result	Desirable limits as per IS:10500, 2012	Method
A) PHYSICAL ANALYSIS					
1.	Colour	Hazen	BDL	≤5.00	IS3025(Part-4)
2.	Odour	--	Unobjectionable	Unobjectionable	IS3025(Part-5)
3.	Turbidity @ 25°C	NTU	0.95	≤1.0	IS3025(Part-10)
4.	Conductivity	µMHOS/cm	2707	N.S	IS 3025 (Part 14):2013
B) CHEMICAL ANALYSIS					
5.	pH @ 25°C	---	8.21	6.5 to 8.5	IS 3025 (Part 11) RA 2012 Electrometric Method
6.	Total Dissolved Solids	mg/lit	307	≤500	IS 3025 (Part 16) RA 2012 Gravimetric method
7.	Chlorides as Cl	mg/lit	29.7	≤250	IS3025(Part-32) RA 2009 Argentometric Method
8.	Total Alkalinity as CaCO ₃	mg/lit	157	≤200	IS3025(Part-23)RA 2009
9.	Total Hardness as CaCO ₃	mg/lit	140	≤200	IS3025(Part-21) RA 2014 EDTA Titrimetric method
10.	Calcium as Ca	mg/lit	24.0	≤75.0	IS3025(Part-40) RA 2009 EDTA Method
11.	Magnesium as Mg	mg/lit	19.2	≤30.0	APHA 23 rd Edition 2017 3500-Mg B Calculation method
12.	Sulphate as SO ₄ ²⁻	mg/lit	5.94	≤200	APHA-23 rd Edition 2017-E-SO ₄ ²⁻
13.	Nitrate as NO ₃	mg/lit	1.38	≤45.0	APHA 23 rd Edition 20174500-B-NO ₃
14.	Iron as Fe	mg/lit	BDL	≤0.3	IS3025(Part-53)
C) BACTERIOLOGICAL ANALYSIS					
15.	Coliform	MPN Index/100ml	Present	Absent	IS1622:1981 Reaff.2014
16.	Fecal Coliform	MPN Index/100ml	Present	Absent	IS1622:1981 Reaff.2014
17.	E- Coli	CFU/ml	Present	Absent	IS1622:1981 Reaff.2014

REMARK-

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TEST REPORT		Page 1 of 1	
NAME OF COMPANY & ADDRESS: M/s. Bhima Shankar Sahakari Sakhar Karkhana Ltd. Dattatraynagar, Pargaon Village-Awasari Bk. Tal.- Ambegaon, Dist. - Pune-412406		Report No	AL/TR/40-317/2021-22
		Report Date	30/04/2021
		Inward No	4-318
		Inward Date	23/04/2021
Sample Detail	Well water-Sunil Pingale South East	Analysis Start date	24/04/2021
Sample Collected By	Party	Analysis End date	28/04/2021
Sample Volume	2250 ml	Sample Condition	Fit For Analysis

Sr. No.	Parameter	Unit	Result	Desirable limits as per IS:10500, 2012	Method
A) PHYSICAL ANALYSIS					
1.	Colour	Hazen	BDL	≤5.00	IS3025(Part-4)
2.	Odour	--	Unobjectionable	Unobjectionable	IS3025(Part-5)
3.	Turbidity @ 25°C	NTU	0.97	≤1.0	IS3025(Part-10)
4.	Conductivity	µMHOs/cm	9026	N.S	IS 3025 (Part 14):2013
B) CHEMICAL ANALYSIS					
5.	pH @ 25°C	---	8.48	6.5 to 8.5	IS 3025 (Part 11) RA 2012 Electrometric Method
6.	Total Dissolved Solids	mg/lit	941	≤500	IS 3025 (Part 16) RA 2012 Gravimetric method
7.	Chlorides as Cl	mg/lit	99.2	≤250	IS3025(Part-32) RA 2009 Argentometric Method
8.	Total Alkalinity as CaCO ₃	mg/lit	535	≤200	IS3025(Part-23)RA 2009
9.	Total Hardness as CaCO ₃	mg/lit	400	≤200	IS3025(Part-21) RA 2014 EDTA Titrimetric method
10.	Calcium as Ca	mg/lit	92.0	≤75.0	IS3025(Part-40) RA 2009 EDTA Method
11.	Magnesium as Mg	mg/lit	40.0	≤30.0	APHA 23 rd Edition 2017 3500- Mg B Calculation method
12.	Sulphate as SO ₄ ²⁻	mg/lit	6.78	≤200	APHA-23 rd Edition 2017-E-SO ₄ ²⁻
13.	Nitrate as NO ₃	mg/lit	2.70	≤45.0	APHA 23 rd Edition 20174500-B- NO ₃
14.	Iron as Fe	mg/lit	BDL	≤0.3	IS3025(Part-53)
C) BACTERIOLOGICAL ANALYSIS					
15.	Coliform	MPN Index/100ml	Present	Absent	IS1622:1981 Reaff.2014
16.	Fecal Coliform	MPN Index/100ml	Present	Absent	IS1622:1981 Reaff.2014
17.	E- Coli	CFU/ml	Present	Absent	IS1622:1981 Reaff.2014

REMARK-

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- ❖ N.S-Not Specified.

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TEST REPORT		Page 1 of 1	
NAME OF COMPANY & ADDRESS: M/s. Bhima Shankar Sahakari Sakhar Karkhana Ltd. Dattatraynagar, Pargaon Village-Awasari Bk Tal.- Ambegaon, Dist - Pune-412406		Report No	AL/TR/40-318/2021-22
		Report Date	30/04/2021
		Inward No	4-319
		Inward Date	23/04/2021
Sample Detail	Well Water-Kisan Walse North West	Analysis Start date	24/04/2021
Sample Collected By	Party	Analysis End date	28/04/2021
Sample Volume	2250 ml	Sample Condition	Fit For Analysis

Sr. No.	Parameter	Unit	Result	Desirable limits as per IS:10500, 2012	Method
A) PHYSICAL ANALYSIS					
1.	Colour	Hazen	BDL	≤5.00	IS3025(Part-4)
2.	Odour	--	Unobjectionable	Unobjectionable	IS3025(Part-5)
3.	Turbidity @ 25°C	NTU	0.96	≤1.0	IS3025(Part-10)
4.	Conductivity	µMHOS/cm	8173	N.S	IS 3025 (Part 14):2013
B) CHEMICAL ANALYSIS					
5.	pH @ 25°C	--	7.32	6.5 to 8.5	IS 3025 (Part 11) RA 2012 Electrometric Method
6.	Total Dissolved Solids	mg/lit	786	≤500	IS 3025 (Part 16) RA 2012 Gravimetric method
7.	Chlorides as Cl	mg/lit	64.5	≤250	IS3025(Part-32) RA 2009 Argentometric Method
8.	Total Alkalinity as CaCO ₃	mg/lit	315	≤200	IS3025(Part-23)RA 2009
9.	Total Hardness as CaCO ₃	mg/lit	430	≤200	IS3025(Part-21) RA 2014 EDTA Titrimetric method
10.	Calcium as Ca	mg/lit	68.0	≤75.0	IS3025(Part-40) RA 2009 EDTA Method
11.	Magnesium as Mg	mg/lit	62.4	≤30.0	APHA 23 rd Edition 2017 3500-Mg B Calculation method
12.	Sulphate as SO ₄ ²⁻	mg/lit	27.1	≤200	APHA-23 rd Edition 2017-E-SO ₄ ²⁻
13.	Nitrate as NO ₃	mg/lit	6.12	≤45.0	APHA 23 rd Edition 20174500-B-NO ₃
14.	Iron as Fe	mg/lit	BDL	≤0.3	IS3025(Part-53)
C) BACTERIOLOGICAL ANALYSIS					
15.	Coliform	MPN Index/100ml	Present	Absent	IS1622:1981 Reaff.2014
16.	Fecal Coliform	MPN Index/100ml	Present	Absent	IS1622:1981 Reaff.2014
17.	E- Coli	CFU/ml	Present	Absent	IS1622:1981 Reaff.2014

REMARK-

- ❖ As per Specified above analysis water sample is not within the desirable limits.
- ❖ Sample will be preserve for seven days after analysis.
- ❖ Above analysis results are related to its testing.
- ❖ The contents of this test report shall not be reproduced in part or without written approval of lab incharge.
- ❖ BDL- Below Detectable Limit.
- ❖ N.S-Not Specified.

(Signature)

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TEST REPORT		Page 1 of 1	
NAME OF COMPANY & ADDRESS: M/s. Bhima Shankar Sahakari Sakhar Karkhana Ltd. Dattatraynagar, Pargaon Village-Awasari Bk. Tal.- Ambegaon, Dist. - Pune-412406		Report No	AI/TR/40-319/2021-22
		Report Date	30/04/2021
		Inward No	4-320
		Inward Date	23/04/2021
Sample Detail	Well water-Vijay Walse North East	Analysis Start date	24/04/2021
Sample Collected By	Party	Analysis End date	28/04/2021
Sample Volume	2250 ml	Sample Condition	Fit For Analysis

Sr. No.	Parameter	Unit	Result	Desirable limits as per IS:10500, 2012	Method
A) PHYSICAL ANALYSIS					
1.	Colour	Hazen	BDL	≤5.00	IS3025(Part-4)
2.	Odour	--	Unobjectionable	Unobjectionable	IS3025(Part-5)
3.	Turbidity @ 25°C	NTU	0.94	≤1.0	IS3025(Part-10)
4.	Conductivity	µMHOs/cm	7268	N.S	IS 3025 (Part 14):2013
B) CHEMICAL ANALYSIS					
5.	pH @ 25°C	---	7.85	6.5 to 8.5	IS 3025 (Part 11) RA 2012 Electrometric Method
6.	Total Dissolved Solids	mg/lit	639	≤500	IS 3025 (Part 16) RA 2012 Gravimetric method
7.	Chlorides as Cl	mg/lit	69.5	≤250	IS3025(Part-32) RA 2009 Argentometric Method
8.	Total Alkalinity as CaCO ₃	mg/lit	273	≤200	IS3025(Part-23)RA 2009
9.	Total Hardness as CaCO ₃	mg/lit	350	≤200	IS3025(Part-21) RA 2014 EDTA Titrimetric method
10.	Calcium as Ca	mg/lit	48.0	≤75.0	IS3025(Part-40) RA 2009 EDTA Method
11.	Magnesium as Mg	mg/lit	55.2	≤30.0	APHA 23 rd Edition 2017 3500- Mg B Calculation method
12.	Sulphate as SO ₄ ²⁻	mg/lit	26.6	≤200	APHA-23 rd Edition 2017-E-SO ₄ ²⁻
13.	Nitrate as NO ₃	mg/lit	6.81	≤45.0	APHA 23 rd Edition 20174500-B- NO ₃
14.	Iron as Fe	mg/lit	BDL	≤0.3	IS3025(Part-53)
C) BACTERIOLOGICAL ANALYSIS					
15.	Coliform	MPN Index/100ml	Present	Absent	IS1622:1981 Reaff.2014
16.	Fecal Coliform	MPN Index/100ml	Present	Absent	IS1622:1981 Reaff.2014
17.	E- Coli	CFU/ml	Present	Absent	IS1622:1981 Reaff.2014

REMARK-

- As per Specified above analysis water sample is not within the desirable limits.
- Sample will be preserve for seven days after analysis.
- Above analysis results are related to its testing.
- The contents of this test report shall not be reproduced in part or without written approval of lab incharge.
- BDL- Below Detectable Limit.
- N.S-Not Specified.

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AMBIENT & WORK ZONE NOISE LEVEL MONITORING REPORT		Page 1 of 1	
NAME OF COMPANY:- M/s. Bhima Sahankar Sahakari Sakhar Karkhana Ltd. Dattatraynagar, Pargaon, Village-Awasari Bk., Tal. - Ambegaon, Dist. - Pune-412 406		Report No	AL/TR/57-301/20-21
		Report Date	07/12/2020
		Inward No	AL/6-855/09/20-21
		Inward Date	28/11/2020
Sample Location	Company Premises	Sampling Time	03:00 PM To 03:30 PM
Sample Collected By	AARL	Time duration	30 Min

SR. NO	LOCATIONS	UNIT	RESULT	LIMITS	METHOD
A. Outside of Shop					
1.	Near Guest house	dB(A)	58.3	≤ 75 dB(A)	IS 4758-1968 (PART 10) RA 2002
2.	Near Sugar Godaun	dB(A)	60.2		
B. Inside of Shop					
3.	Near New Boiler	dB(A)	73.4	≤ 90 dB(A)	IS 9989-1981 (RA 2001)
4.	Near Old Boiler Id fan	dB(A)	86.7		
5.	Sugar House	dB(A)	53.7		
6.	Near Old Boiler	dB(A)	72.9		

REMARK, OPINION & INTERPRITATION-

- ❖ All above results are within limits as per MPCB Consent & The Factories Act 1948, standards.

Verified by
(Analyst)

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...End of test report...



AKANKSHA ANALYTICAL & RESEARCH LAB

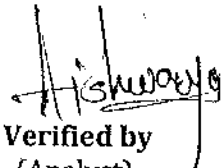
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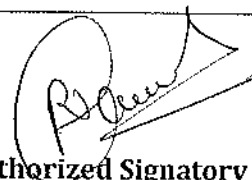
AMBIENT & WORK ZONE NOISE LEVEL MONITORING REPORT			Page 1 of 1
NAME OF COMPANY:- M/s. Bhima Shankar Sahakari Sakhar Karkhana Ltd. Dattatraynagar, Pargaon, Village-Awasari Bk., Tal. - Ambegaon, Dist. - Pune-412 406		Report No	AL/TR/57-944/20-21
		Report Date	08/01/2021
		Inward No	AL/6-905/09/20-21
		Inward Date	30/12/2020
Sample Location	Company Premises	Sampling Time	02:00 PM To 02:30 PM
Sample Collected By	AARL	Time duration	30 Min

SR. NO	LOCATIONS	UNIT	RESULT	LIMITS	METHOD
A. Outside of Shop					
1.	Near Kondoba Mandir	dB(A)	65.9	≤ 75 dB(A)	IS 4758-1968 (PART 10) RA 2002
2.	Near Bas Stop	dB(A)	60.2		
B. Inside of Shop					
3.	Near Spray Pond	dB(A)	68.2	≤ 90 dB(A)	IS 9989-1981 (RA 2001)
4.	Near centrifugal section	dB(A)	71.2		
5.	Near Old Boiler	dB(A)	70.1		
6.	Near New Boiler	dB(A)	72.3		

REMARK, OPINION & INTERPRITATION-

- ❖ All above results are within limits as per MPCB Consent & The Factories Act 1948, standards.


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AMBIENT & WORK ZONE NOISE LEVEL MONITORING REPORT		Page 1 of 1
NAME OF COMPANY:- M/s. Bhima Shankar Sahakari Sakhar Karkhana Ltd. Dattatraynagar, Pargaon, Village-Awasari Bk, Tal. - Ambegaon, Dist. - Pune-412 406		Report No AL/TR/58-239/20-21
		Report Date 04/02/2021
		Inward No AL/6-929/09/20-21
		Inward Date 25/01/2021
Sample Location	Company Premises	Sampling Time 01:00PM To 01:30 PM
Sample Collected By	AARL	Time duration 30Min

SR. NO	LOCATIONS	UNIT	RESULT	LIMITS	METHOD
A. Outside of Shop					
1.	Near Khandoba Mandir	dB(A)	65.0	≤ 75 dB(A)	IS 4758-1968 (PART 10) RA 2002
2.	Near Bas Stop	dB(A)	62.5		
B. Inside of Shop					
3.	Near Spray Pond	dB(A)	64.2	≤ 90 dB(A)	IS 9989-1981 (RA 2001)
4.	Near centrifugal section	dB(A)	78.2		
5.	Near Old Boiler	dB(A)	77.9		

REMARK, OPINION & INTERPRITATION-

- ❖ All above results are within limits as per MPCB Consent The Factories Act 1948, standards.

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Verified by
(Analyst)

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AMBIENT & WORK ZONE NOISE LEVEL MONITORING REPORT		Page 1 of 1	
NAME OF COMPANY:- M/s. Bhima Shankar Sahakari Sakhar Karkhana Ltd. Dattatraynagar, Pargaon, Village-Awasari Bk., Tal. - Ambegaon, Dist. - Pune-412 406		Report No	AL/TR/58-597/20-21
		Report Date	03/03/2021
		Inward No	AL/6-960/09/20-21
		Inward Date	22/02/2021
Sample Location	Company Premises	Sampling Time	03:00PM To 03:30 PM
Sample Collected By	AARL	Time duration	30Min

SR. NO	LOCATIONS	UNIT	RESULT	LIMITS	METHOD
A. Outside of Shop					
1.	Near Khandoba Mandir	dB(A)	63.2	≤ 75 dB(A)	IS 4758-1968 (PART 10) RA 2002
2.	Near Bas Stop	dB(A)	65.7		
B. Inside of Shop					
3.	Near Spray Pond	dB(A)	66.9	≤ 90 dB(A)	IS 9989-1981 (RA 2001)
4.	Near centrifugal section	dB(A)	75.4		
5.	Near Old Boiler	dB(A)	83.4		
6.	Near New Boiler	dB(A)	76.2		

REMARK, OPINION & INTERPRITATION-

- ❖ All above results are within limits as per MPCB Consent The Factories Act 1948, standards.

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(Analyst)

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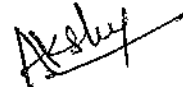
- Recognized by Ministry of Environment Forest and Climate Change (MoEFCC), New Delhi
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AMBIENT & WORK ZONE NOISE LEVEL MONITORING REPORT		Page 1 of 1	
NAME OF COMPANY:- M/s. Bhima Shankar Sahakari Sakhar Karkhana Ltd. Dattatraynagar, Pargaon, Village-Awasari Bk., Tal. - Ambegaon, Dist. - Pune-412 406		Report No	AL/TR/59-243/21-22
		Report Date	05/04/2021
		Inward No	AL/7-20/09/21-22
		Inward Date	28/03/2021
Sample Location	Company Premises	Sampling Time	02:30PM To 03:00 PM
Sample Collected By	AARL	Time duration	30 Min

SR. NO	LOCATIONS	UNIT	RESULT	LIMITS	METHOD
A. Outside of Shop					
1.	Near Sakhar shala	dB(A)	61.2	≤ 75 dB(A)	IS 4759-1968 (PART 10) RA 2002
2.	Near College	dB(A)	58.4		
B. Inside of Shop					
3.	Near Boiling house	dB(A)	88.0	≤ 90 dB(A)	IS 9989-1981 (RA 2001)
4.	Near Work Shop	dB(A)	86.9		
5.	Near Mill House	dB(A)	87.4		

REMARK, OPINION & INTERPRITATION-

- ❖ All above results are within limits as per MPCB Consent The Factories Act 1948, standards.


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(Analyst)


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AMBIENT & WORK ZONE NOISE LEVEL MONITORING REPORT		Page 1 of 1	
NAME OF COMPANY:- M/s. Bhima Shankar Sahakari Sakhar Karkhana Ltd. Dattatraynagar, Pargaon, Village-Awasari Bk., Tal. - Ambegaon, Dist. - Punc-412 406		Report No	AL/TR/59-472/21-22
		Report Date	30/04/2021
		Inward No	AL/7-39/09/21-22
		Inward Date	22/04/2021
Sample Location	Company Premises	Sampling Time	04:00 PM To 04:30 PM
Sample Collected By	AARL	Time duration	30 Min

SR. NO	LOCATIONS	UNIT	RESULT	LIMITS	METHOD
A. Outside of Shop					
1.	Near Sakhar shala	dB(A)	61.3	≤ 75 dB(A)	IS 4759-1968 (PART 10) RA 2002
2.	Near Guest	dB(A)	60.2		
B. Inside of Shop					
3.	Boiler No-1	dB(A)	85.6	≤ 90 dB(A)	IS 9989-1981 (RA 2001)
4.	Mill Section	dB(A)	87.8		
5.	Sugar House	dB(A)	71.2		
6.	Spray pond	dB(A)	78.4		

REMARK, OPINION & INTERPRITATION-

- ❖ All above results are within limits as per MPCB Consent The Factories Act 1948, standards.


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...End of test report...

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November-2020

EnviroConnect Forbes Marshall Multi Station Report

From Date 01/11/2020 00:00
To Date 30/11/2020 23:59
Interval Daily
Function Average

Plant BSSK
Analyzer STACK1
Parameter PM
Unit mg/Nm3
Limit 0.00 - 150.00

17/11/2020 00:00	60 < M
18/11/2020 00:00	60 M
19/11/2020 00:00	60 M
20/11/2020 00:00	60 M
21/11/2020 00:00	60 M
22/11/2020 00:00	60 M
23/11/2020 00:00	60 M
24/11/2020 00:00	60 M
25/11/2020 00:00	60 M
26/11/2020 00:00	60 M
27/11/2020 00:00	60 M
28/11/2020 00:00	60 M
29/11/2020 00:00	60 M
30/11/2020 00:00	60 M
Average	60
Geom.Mean	60
Maximum	60
Median	60
Minimum	60
Mode	60
Std.Deviation	0
Total Active Duration	

EnviroConnect Forbes Marshall Multi Station Report

From Date 01/11/2020 00:00
To Date 30/11/2020 23:59
Interval Daily
Function Average

Plant BSSK
Analyzer STACK2
Parameter PM
Unit mg/Nm3
Limit 0.00 - 150.00

17/11/2020 00:00	90.64 < M
18/11/2020 00:00	90.98 < M
19/11/2020 00:00	73.25 < M
20/11/2020 00:00	72 M
21/11/2020 00:00	72 M
22/11/2020 00:00	72 M
23/11/2020 00:00	72 M
24/11/2020 00:00	72 M
25/11/2020 00:00	72 M
26/11/2020 00:00	72 M
27/11/2020 00:00	72 M
28/11/2020 00:00	72 M
29/11/2020 00:00	72 M
30/11/2020 00:00	72 M
Average	74.8
Geom.Mean	74.5
Maximum	91
Median	72
Minimum	72
Mode	72
Std.Deviation	6.8
Total Active Duration	

December-2020

EnviroConnect Forbes Marshall Multi Station Report

From Date 01/12/2020 00:00
 To Date 31/12/2020 23:59
 Interval Daily
 Function Average

Plant BSSK
 Analyzer STACK1
 Parameter PM
 Unit mg/Nm3
 Limit 0.00 - 150.00

01/12/2020 00:00	60 < M
02/12/2020 00:00	60 M
03/12/2020 00:00	60 M
04/12/2020 00:00	60 M
05/12/2020 00:00	60 M
06/12/2020 00:00	60 M
07/12/2020 00:00	60 M
08/12/2020 00:00	60 M
09/12/2020 00:00	60 M
10/12/2020 00:00	60 M
11/12/2020 00:00	60 M
12/12/2020 00:00	60 M
13/12/2020 00:00	60 M
14/12/2020 00:00	59.94 M
15/12/2020 00:00	60 M
16/12/2020 00:00	60 M
17/12/2020 00:00	60 M
18/12/2020 00:00	60 M
19/12/2020 00:00	60 M
20/12/2020 00:00	60 M
21/12/2020 00:00	60 M
22/12/2020 00:00	60 M
23/12/2020 00:00	59.98 M
24/12/2020 00:00	60 M
25/12/2020 00:00	60 M
26/12/2020 00:00	60 M
27/12/2020 00:00	60 M
28/12/2020 00:00	60 M
29/12/2020 00:00	60 M
30/12/2020 00:00	60 M
31/12/2020 00:00	60 M
Average	60
Geom.Mean	60
Maximum	60
Median	60
Minimum	59.9
Mode	60
Std.Deviation	0

EnviroConnect Forbes Marshall Multi Station Report

From Date 01/12/2020 00:00
 To Date 31/12/2020 23:59
 Interval Daily
 Function Average

Plant BSSK
 Analyzer STACK2
 Parameter PM
 Unit mg/Nm3
 Limit 0.00 - 150.00

01/12/2020 00:00	72 M
02/12/2020 00:00	72 M
03/12/2020 00:00	72 M
04/12/2020 00:00	72 M
05/12/2020 00:00	72 M
06/12/2020 00:00	72 M
07/12/2020 00:00	72 M
08/12/2020 00:00	72 M
09/12/2020 00:00	72 M
10/12/2020 00:00	72 M
11/12/2020 00:00	72 M
12/12/2020 00:00	72 M
13/12/2020 00:00	72 M
14/12/2020 00:00	72 M
15/12/2020 00:00	72 M
16/12/2020 00:00	72 M
17/12/2020 00:00	72 M
18/12/2020 00:00	72 M
19/12/2020 00:00	72 M
20/12/2020 00:00	72 M
21/12/2020 00:00	72 M
22/12/2020 00:00	72 M
23/12/2020 00:00	72 M
24/12/2020 00:00	72 M
25/12/2020 00:00	72 M
26/12/2020 00:00	72 M
27/12/2020 00:00	72 M
28/12/2020 00:00	72 M
29/12/2020 00:00	72 M
30/12/2020 00:00	72 M
31/12/2020 00:00	72 M
Average	72
Geom. Mean	72
Maximum	72
Median	72
Minimum	72
Mode	72
Std. Deviation	0

January - ~~2020~~
2021

EnviroConnect Forbes Marshall Multi Station Report

From Date 01/01/2021 00:00
 To Date 31/01/2021 23:59
 Interval Daily
 Function Average

Plant BSSK
 Analyzer STACK1
 Parameter PM
 Unit mg/Nm3
 Limit 0.00 - 150.00

01/01/2021 00:00	60 M
02/01/2021 00:00	60 M
03/01/2021 00:00	60 M
04/01/2021 00:00	60 M
05/01/2021 00:00	60 M
06/01/2021 00:00	60 M
07/01/2021 00:00	60 M
08/01/2021 00:00	60 M
09/01/2021 00:00	60 M
10/01/2021 00:00	60 M
11/01/2021 00:00	60 M
12/01/2021 00:00	60
13/01/2021 00:00	60 M
14/01/2021 00:00	60
15/01/2021 00:00	60 M
16/01/2021 00:00	60
17/01/2021 00:00	60
18/01/2021 00:00	60
19/01/2021 00:00	60
20/01/2021 00:00	60 M
21/01/2021 00:00	51.5 M
22/01/2021 00:00	60 M
23/01/2021 00:00	60
24/01/2021 00:00	60
25/01/2021 00:00	60
26/01/2021 00:00	60
27/01/2021 00:00	60 M
28/01/2021 00:00	60 M
29/01/2021 00:00	60 M
30/01/2021 00:00	60 < M
31/01/2021 00:00	60 < M

Average	59.7
Geom. Mean	59.7
Maximum	60
Median	60
Minimum	51.5
Mode	60
Std. Deviation	1.5

From Date 01/01/2021 00:00
 To Date 31/01/2021 23:59
 Interval Daily
 Function Average

Plant BSSK
 Analyzer STACK2
 Parameter PM
 Unit mg/Nm3
 Limit 0.00 - 150.00

01/01/2021 00:00	72 M
02/01/2021 00:00	72 M
03/01/2021 00:00	72 M
04/01/2021 00:00	72 M
05/01/2021 00:00	72 M
06/01/2021 00:00	72 M
07/01/2021 00:00	72 M
08/01/2021 00:00	72 M
09/01/2021 00:00	72 M
10/01/2021 00:00	72 M
11/01/2021 00:00	72 M
12/01/2021 00:00	72 M
13/01/2021 00:00	72 M
14/01/2021 00:00	72 M
15/01/2021 00:00	72 M
16/01/2021 00:00	72 < M
17/01/2021 00:00	71.92 < M
18/01/2021 00:00	72 M
19/01/2021 00:00	72 M
20/01/2021 00:00	72 M
21/01/2021 00:00	61.64 M
22/01/2021 00:00	66.92 M
23/01/2021 00:00	72 M
24/01/2021 00:00	72 M
25/01/2021 00:00	72 M
26/01/2021 00:00	72 M
27/01/2021 00:00	72 M
28/01/2021 00:00	72 M
29/01/2021 00:00	72 M
30/01/2021 00:00	72 < M
31/01/2021 00:00	72 < M

Average	71.5
Geom.Mean	71.5
Maximum	72
Median	72
Minimum	61.6
Mode	72
Std.Deviation	2

February-2021

EnviroConnect Forbes Marshall Multi Station Report

From Date 01/02/2021 00:00
 To Date 28/02/2021 23:59
 Interval Daily
 Function Average

Plant BSSK
 Analyzer STACK1
 Parameter PM
 Unit mg/Nm3
 Limit 0.00 - 150.00

01/02/2021 00:00	60 M
02/02/2021 00:00	60 M
03/02/2021 00:00	60 M
04/02/2021 00:00	60 M
05/02/2021 00:00	60 M
06/02/2021 00:00	60 M
07/02/2021 00:00	60 M
08/02/2021 00:00	60 < M
09/02/2021 00:00	60 M
10/02/2021 00:00	59.95 < M
11/02/2021 00:00	60 < M
12/02/2021 00:00	60 M
13/02/2021 00:00	60 M
14/02/2021 00:00	60 M
15/02/2021 00:00	60 M
16/02/2021 00:00	60 M
17/02/2021 00:00	60 M
18/02/2021 00:00	60 M
19/02/2021 00:00	60 M
20/02/2021 00:00	60 M
21/02/2021 00:00	60 M
22/02/2021 00:00	60 M
23/02/2021 00:00	60 M
24/02/2021 00:00	60 M
25/02/2021 00:00	60 M
26/02/2021 00:00	60 M
27/02/2021 00:00	60 M
28/02/2021 00:00	60 M
Average	60
Geom.Mean	60
Maximum	60
Median	60
Minimum	59.9
Mode	60
Std.Deviation	0
Total Active Duration	

EnviroConnect

Forbes Marshall

Multi Station Report

From Date 01/02/2021 00:00
To Date 28/02/2021 23:59
Interval Daily
Function Average

Plant BSSK
Analyzer STACK2
Parameter PM
Unit mg/Nm3
Limit 0.00 - 150.00

01/02/2021 00:00	72 M
02/02/2021 00:00	72 M
03/02/2021 00:00	71.92 M
04/02/2021 00:00	72 M
05/02/2021 00:00	72 M
06/02/2021 00:00	71.93 < M
07/02/2021 00:00	72 M
08/02/2021 00:00	72 M
09/02/2021 00:00	72 M
10/02/2021 00:00	72 M
11/02/2021 00:00	72 < M
12/02/2021 00:00	72 M
13/02/2021 00:00	72 M
14/02/2021 00:00	72 M
15/02/2021 00:00	71.95 M
16/02/2021 00:00	72 M
17/02/2021 00:00	72 M
18/02/2021 00:00	72 M
19/02/2021 00:00	72 M
20/02/2021 00:00	72 M
21/02/2021 00:00	72 M
22/02/2021 00:00	72 M
23/02/2021 00:00	72 M
24/02/2021 00:00	72 M
25/02/2021 00:00	72 M
26/02/2021 00:00	72 M
27/02/2021 00:00	72 M
28/02/2021 00:00	72 M
Average	72
Geom.Mean	72
Maximum	72
Median	72
Minimum	71.9
Mode	72
Std.Deviation	0
Total Active Duration	

March-2024

EnviroConnect Forbes Marshall Multi Station Report

From Date 01/03/2021 00:00
 To Date 31/03/2021 23:59
 Interval Daily
 Function Average

Plant BSSK
 Analyzer STACK1
 Parameter PM
 Unit mg/Nm3
 Limit 0.00 - 150.00

01/03/2021 00:00	60 M
02/03/2021 00:00	60 M
03/03/2021 00:00	49.44 M
04/03/2021 00:00	56.76
05/03/2021 00:00	60
06/03/2021 00:00	60 M
07/03/2021 00:00	60 M
08/03/2021 00:00	60 M
09/03/2021 00:00	60 M
10/03/2021 00:00	60 M
11/03/2021 00:00	60 M
12/03/2021 00:00	60 M
13/03/2021 00:00	60 M
14/03/2021 00:00	60 M
15/03/2021 00:00	60 M
16/03/2021 00:00	60 M
17/03/2021 00:00	60 M
18/03/2021 00:00	60 M
19/03/2021 00:00	60 < M
20/03/2021 00:00	60 M
21/03/2021 00:00	60 M
22/03/2021 00:00	60 M
23/03/2021 00:00	60 M
24/03/2021 00:00	60 < M
25/03/2021 00:00	60 M
26/03/2021 00:00	60 M
27/03/2021 00:00	60 M
28/03/2021 00:00	60 M
29/03/2021 00:00	59.96 M
30/03/2021 00:00	60 M
31/03/2021 00:00	60 M

Average	59.6
Geom.Mean	59.5
Maximum	60
Median	60
Minimum	49.4
Mode	60
Std.Deviation	2

EnviroConnect Forbes Marshall Multi Station Report

From Date 01/03/2021 00:00
 To Date 31/03/2021 23:59
 Interval Daily
 Function Average

Plant BSSK
 Analyzer STACK2
 Parameter PM
 Unit mg/Nm3
 Limit 0.00 - 150.00

01/03/2021 00:00	72 M
02/03/2021 00:00	72 M
03/03/2021 00:00	56.96 M
04/03/2021 00:00	67.87 M
05/03/2021 00:00	72 < M
06/03/2021 00:00	72 M
07/03/2021 00:00	72 M
08/03/2021 00:00	72 M
09/03/2021 00:00	72 M
10/03/2021 00:00	72 M
11/03/2021 00:00	72 < M
12/03/2021 00:00	72 M
13/03/2021 00:00	72 M
14/03/2021 00:00	72 M
15/03/2021 00:00	72 M
16/03/2021 00:00	71.92 M
17/03/2021 00:00	72 M
18/03/2021 00:00	71.95 M
19/03/2021 00:00	72 < M
20/03/2021 00:00	72 < M
21/03/2021 00:00	71.97 M
22/03/2021 00:00	72 M
23/03/2021 00:00	71.92 M
24/03/2021 00:00	72 < M
25/03/2021 00:00	72 M
26/03/2021 00:00	72 M
27/03/2021 00:00	72 M
28/03/2021 00:00	72 M
29/03/2021 00:00	72 M
30/03/2021 00:00	72 M
31/03/2021 00:00	72 < M

Average	71.4
Geom.Mean	71.3
Maximum	72
Median	72
Minimum	57
Mode	72
Std.Deviation	2.8

April-2021

EnviroConnect Forbes Marshall Multi Station Report

From Date 01/04/2021 00:00
To Date 30/04/2021 23:59
Interval Daily
Function Average

Plant BSSK
Analyzer STACK1
Parameter PM
Unit mg/Nm3
Limit 0.00 - 150.00

01/04/2021 00:00	60 M
02/04/2021 00:00	60 M
03/04/2021 00:00	60 M
04/04/2021 00:00	60 M
05/04/2021 00:00	60 M
06/04/2021 00:00	60 M
07/04/2021 00:00	60 M
08/04/2021 00:00	60 M
09/04/2021 00:00	60 M
10/04/2021 00:00	60 M
11/04/2021 00:00	60 M
12/04/2021 00:00	60 M
13/04/2021 00:00	60 M
14/04/2021 00:00	60 M
15/04/2021 00:00	60 M
16/04/2021 00:00	60 M
17/04/2021 00:00	60 M
18/04/2021 00:00	60 M
19/04/2021 00:00	60 M
20/04/2021 00:00	60 M
21/04/2021 00:00	59.94 M
22/04/2021 00:00	60 M
23/04/2021 00:00	60 M
24/04/2021 00:00	60 M
25/04/2021 00:00	60 M
26/04/2021 00:00	60 M
27/04/2021 00:00	60 M
28/04/2021 00:00	60 M
29/04/2021 00:00	60 M
30/04/2021 00:00	60 M
Average	60
Geom.Mean	60
Maximum	60
Median	60
Minimum	59.9
Mode	60
Std.Deviation	0
Total Active Duration	

From Date 01/04/2021 00:00
 To Date 30/04/2021 23:59
 Interval Daily
 Function Average

Plant BSSK
 Analyzer STACK2
 Parameter PM
 Unit mg/Nm3
 Limit 0.00 - 150.00

01/04/2021 00:00	72 < M
02/04/2021 00:00	72 M
03/04/2021 00:00	71.92 M
04/04/2021 00:00	72 M
05/04/2021 00:00	72 M
06/04/2021 00:00	72 M
07/04/2021 00:00	72 M
08/04/2021 00:00	72 M
09/04/2021 00:00	72 M
10/04/2021 00:00	72 M
11/04/2021 00:00	72 M
12/04/2021 00:00	72 M
13/04/2021 00:00	72 M
14/04/2021 00:00	72 < M
15/04/2021 00:00	72 M
16/04/2021 00:00	71.97 M
17/04/2021 00:00	72 M
18/04/2021 00:00	72 M
19/04/2021 00:00	72 M
20/04/2021 00:00	72 M
21/04/2021 00:00	71.95 M
22/04/2021 00:00	72 M
23/04/2021 00:00	72 M
24/04/2021 00:00	72 M
25/04/2021 00:00	72 M
26/04/2021 00:00	72 M
27/04/2021 00:00	72 M
28/04/2021 00:00	72 M
29/04/2021 00:00	72 M
30/04/2021 00:00	72 M
Average	72
Geom.Mean	72
Maximum	72
Median	72
Minimum	71.9
Mode	72
Std.Deviation	0
Total Active Duration	

May-2021

EnviroConnect Forbes Marshall Multi Station Report

From Date 01/05/2021 00:00
To Date 31/05/2021 23:59
Interval Daily
Function Average

Plant BSSK
Analyzer STACK1
Parameter PM
Unit mg/Nm3
Limit 0.00 - 150.00

01/05/2021 00:00	60 M
02/05/2021 00:00	60 M
03/05/2021 00:00	60 M
04/05/2021 00:00	60 M
05/05/2021 00:00	60 M
06/05/2021 00:00	60 M
07/05/2021 00:00	60 M
08/05/2021 00:00	60 M
09/05/2021 00:00	60 M
10/05/2021 00:00	60 < M
Average	60
Geom.Mean	60
Maximum	60
Median	60
Minimum	60
Mode	60
Std.Deviation	0
Total Active Duration	

EnviroConnect Forbes Marshall Multi Station Report

From Date 01/05/2021 00:00
To Date 31/05/2021 23:59
Interval Daily
Function Average

Plant BSSK
Analyzer STACK2
Parameter PM
Unit mg/Nm3
Limit 0.00 - 150.00

01/05/2021 00:00	72 M
02/05/2021 00:00	71.97 M
03/05/2021 00:00	72 < M
04/05/2021 00:00	72 M
05/05/2021 00:00	72 M
06/05/2021 00:00	72 < M
07/05/2021 00:00	72 M
08/05/2021 00:00	71.83 < M
09/05/2021 00:00	71.96 < M
10/05/2021 00:00	72 < M
Average	72
Geom.Mean	72
Maximum	72
Median	72
Minimum	71.8
Mode	72
Std.Deviation	0.1
Total Active Duration	

November - ~~2020~~
2020

EnviroConnect Forbes Marshall Multi Station Report

From Date 01/11/2020 00:00
To Date 30/11/2020 23:59
Interval Daily
Function Average

Plant	BSSK	BSSK	BSSK	BSSK
Analyzer	ETP1	ETP1	ETP1	ETP1
Parameter	BOD	COD	pH	TSS
Unit	mg/l	mg/l	pH	mg/l
Limit	0.00 - 100.00	0.00 - 250.00	5.50 - 9.00	0.00 - 100.00
17/11/2020 00:00	27.36 <	43.88 <	6.32 <	0 <
18/11/2020 00:00	26.1	42.91	6.56	0
19/11/2020 00:00	24.01	44.43	6.83	7.78
20/11/2020 00:00	24.33	45	6.56	6.94
21/11/2020 00:00	24.5	45.3	6.47	3.48
22/11/2020 00:00	23.66	43.69	6.46	3.62 B
23/11/2020 00:00	23.48	43.3	6.43	2.84
24/11/2020 00:00	23.42	43.18	6.42	0
25/11/2020 00:00	23.24	42.79	6.42	1.27
26/11/2020 00:00	24.21	44.64	6.48	0
27/11/2020 00:00	25.03	46.23	6.53	0.2
28/11/2020 00:00	24.58	45.4	6.56	0
29/11/2020 00:00	24.09	44.51	6.55	0
30/11/2020 00:00	23.91	44.14	6.53	4.65
Average	24.4	44.2	6.5	2.2
Geom.Mean	24.4	44.2	6.5	1.3
Maximum	27.4	46.2	6.8	7.8
Median	24.2	44.3	6.5	0.7
Minimum	23.2	42.8	6.3	0
Mode	24.6	43.7	6.5	0
Std.Deviation	1.1	1	0.1	2.7
Total Active Duration				

EnviroConnect Forbes Marshall Multi Station Report

From Date 01/12/2020 00:00
 To Date 31/12/2020 23:59
 Interval Daily
 Function Average

Plant	BSSK	BSSK	BSSK	BSSK
Analyzer	ETP1	ETP1	ETP1	ETP1
Parameter	BOD	COD	pH	TSS
Unit	mg/l	mg/l	pH	mg/l
Limit	0.00 - 100.00	0.00 - 250.00	5.50 - 9.00	0.00 - 100.00
01/12/2020 00:00	23.65	43.64	6.54	2.47
02/12/2020 00:00	23.67	43.69	6.58	1.54
03/12/2020 00:00	23.5	43.3	6.6	1.58
04/12/2020 00:00	23.58	43.42	6.62	6.3
05/12/2020 00:00	23.83	43.95	6.67	4.56
06/12/2020 00:00	23.51	43.27	6.69	3.69
07/12/2020 00:00	23.88	43.99	6.67	2.53
08/12/2020 00:00	24.61	45.42	6.61	2.83
09/12/2020 00:00	24.87	45.9	6.61	1.74
10/12/2020 00:00	25.63	47.3	6.59	1.85
11/12/2020 00:00	25.16	46.44	6.63	0
12/12/2020 00:00	24.76	45.76	6.66	1.48
13/12/2020 00:00	24.64	45.49	6.68	0.05
14/12/2020 00:00	24.77	45.71	6.7	0
15/12/2020 00:00	24.67	45.54	6.68	0.03
16/12/2020 00:00	24.4	45.02	6.66	1.81
17/12/2020 00:00	24.42	45.06	6.55	1.07
18/12/2020 00:00	25.13	46.33	6.49	0.27
19/12/2020 00:00	25.62	47.23	6.35	0.45
20/12/2020 00:00	25.42	46.85	6.29	1.36 B
21/12/2020 00:00	25.63	47.33	6.48	0.47
22/12/2020 00:00	25.3	46.6	6.65	0
23/12/2020 00:00	25.05	46.16	6.64	0.27
24/12/2020 00:00	25.13	46.33	6.66	6.93 H
25/12/2020 00:00	25.27	46.58	6.56	3.01 HB
26/12/2020 00:00	25.31	46.64	6.56	6.43 BH
27/12/2020 00:00	25.21	46.48	6.74	8.04 H
28/12/2020 00:00	25.25	46.56	6.74	19.83 H
29/12/2020 00:00	25.4	46.84	6.75	39.58 HB
30/12/2020 00:00	25.7	47.4	6.75	28.58 H
31/12/2020 00:00	26.27	48.49	6.75	34.59 H
Average	24.8	45.8	6.6	5.9
Geom.Mean	24.8	45.7	6.6	2.1
Maximum	26.3	48.5	6.7	39.6
Median	25.1	46.2	6.6	1.8
Minimum	23.5	43.3	6.3	0
Mode	24.6	46.3	6.6	0
Std.Deviation	0.8	1.4	0.1	10.3

January-2021

EnviroConnect Forbes Marshall Multi Station Report

From Date 01/01/2021 00:00
 To Date 31/01/2021 23:59
 Interval Daily
 Function Average

Plant	BSSK	BSSK	BSSK	BSSK
Analyzer	ETP1	ETP1	ETP1	ETP1
Parameter	BOD	COD	pH	TSS
Unit	mg/l	mg/l	pH	mg/l
Limit	0.00 - 100.00	0.00 - 250.00	5.50 - 9.00	0.00 - 100.00
01/01/2021 00:00	26.39	48.74	6.67	27.97
02/01/2021 00:00	26.39	48.75	6.63	34.27
03/01/2021 00:00	26.66	49.23	6.65	49.87 H
04/01/2021 00:00	26.97	49.72	6.64	38.96
05/01/2021 00:00	27.13	49.92	6.65	44.26
06/01/2021 00:00	27.26	50.11	6.65	45.1
07/01/2021 00:00	27.43	50.41	6.65	44.67
08/01/2021 00:00	27.87	51.28	6.64	45.98
09/01/2021 00:00	27.41	50.48	6.6	49.16
10/01/2021 00:00	26.87	49.61	6.59	44.9
11/01/2021 00:00	26.61	49.16	6.6	38.65
12/01/2021 00:00	26.49	48.94	6.6	37.21
13/01/2021 00:00	26.44	48.85	6.61	39.64 H
14/01/2021 00:00	26.9	49.63	6.62	38.96
15/01/2021 00:00	26.79	49.5	6.64	40.29 HB
16/01/2021 00:00	26.66	49.27	6.64	35.85
17/01/2021 00:00	26.92	49.66	6.57	66.05 HB
18/01/2021 00:00	25.86	47.73	6.52	81.77
19/01/2021 00:00	25.85	47.71	6.52	81.75
20/01/2021 00:00	25.85	47.69	6.52	81.75
21/01/2021 00:00	44.95	85.8	6.8	51.98
22/01/2021 00:00	74.03	144.2	7.47	13.72 H
23/01/2021 00:00	60.74	117.49	7.35	6.23 BH
24/01/2021 00:00	31.47	58.59	7.02	4.75
25/01/2021 00:00	29.49	54.52	6.86	17.98 HB
26/01/2021 00:00	27.73	51.03	6.76	4.66 H
27/01/2021 00:00	26.68	49.22	6.66	0.26
28/01/2021 00:00	26.69	49.28	6.62	0.86 B
29/01/2021 00:00	28.59	53.17 H	6.58	2.05 H
30/01/2021 00:00	26.42	48.73	6.53	4.78 H
31/01/2021 00:00	26.15	48.27	6.49	0
Average	30.2	56.3	6.7	34.7
Geom.Mean	29.2	54	6.7	21.3
Maximum	74	144.2	7.5	81.8
Median	26.9	49.6	6.6	39
Minimum	25.9	47.7	6.5	0
Mode	27.4	49.9	6.6	0
Std.Deviation	10.6	21.3	0.2	24.4

February - 2021
2021

EnviroConnect Forbes Marshall Multi Station Report

From Date 01/02/2021 00:00
 To Date 28/02/2021 23:59
 Interval Daily
 Function Average

Plant	BSSK	BSSK	BSSK	BSSK
Analyzer	ETP1	ETP1	ETP1	ETP1
Parameter	BOD	COD	pH	TSS
Unit	mg/l	mg/l	pH	mg/l
Limit	0.00 - 100.00	0.00 - 250.00	5.50 - 9.00	0.00 - 100.00
01/02/2021 00:00	26.16	48.26	6.49	0
02/02/2021 00:00	26.16	48.25	6.49	0
03/02/2021 00:00	26.16	48.25	6.49	0
04/02/2021 00:00	26.16	48.24	6.49	0
05/02/2021 00:00	26.15	48.24	6.49	0
06/02/2021 00:00	26.15	48.23	6.49	0
07/02/2021 00:00	26.15	48.23	6.49	0
08/02/2021 00:00	26.14	48.18	6.49	0
09/02/2021 00:00	26.12	48.13	6.49	0
10/02/2021 00:00	26.12	48.14	6.49	0
11/02/2021 00:00	26.12	48.15	6.49	0
12/02/2021 00:00	26.11	48.13	6.49	0
13/02/2021 00:00	26.11	48.14	6.49	0
14/02/2021 00:00	26.12	48.17	6.49	0
15/02/2021 00:00	26.13	48.18	6.49	0
16/02/2021 00:00	26.14	48.2	6.49	0
17/02/2021 00:00	26.14	48.22	6.49	0
18/02/2021 00:00	26.14	48.22	6.49	0
19/02/2021 00:00	26.14	48.21	6.49	0
20/02/2021 00:00	26.15	48.2	6.49	0
21/02/2021 00:00	26.14	48.19	6.49	0
22/02/2021 00:00	26.14	48.22	6.49	0
23/02/2021 00:00	26.13	48.22	6.49	0
24/02/2021 00:00	26.11	48.2	6.49	0
25/02/2021 00:00	26.13	48.21	6.49	0
26/02/2021 00:00	26.13	48.2	6.49	0
27/02/2021 00:00	26.13	48.2	6.49	0
28/02/2021 00:00	26.14	48.23	6.5	0
Average	26.1	48.2	6.5	0
Geom.Mean	26.1	48.2	6.5	0
Maximum	26.2	48.3	6.5	0
Median	26.1	48.2	6.5	0
Minimum	26.1	48.1	6.5	0
Mode	26.2	48.2	6.5	0
Std.Deviation	0	0	0	0
Total Active Duration				

March 2021

EnviroConnect Forbes Marshall Multi Station Report

From Date 01/03/2021 00:00
 To Date 31/03/2021 23:59
 Interval Daily
 Function Average

Plant	BSSK	BSSK	BSSK	BSSK
Analyzer	ETP1	ETP1	ETP1	ETP1
Parameter	BOD	COD	pH	TSS
Unit	mg/l	mg/l	pH	mg/l
Limit	0.00 - 100.00	0.00 - 250.00	5.50 - 9.00	0.00 - 100.00
01/03/2021 00:00	26.14	48.26	6.5	0
02/03/2021 00:00	26.14	48.24	6.5	0
03/03/2021 00:00	29.2	54.17	6.93 L	4.54
04/03/2021 00:00	29.9	55.38	7.14	1.47
05/03/2021 00:00	34.48	64.81	7.17	4.69
06/03/2021 00:00	39.58	75.29	7.1	3.87
07/03/2021 00:00	36.47	68.95	7.07	1.28
08/03/2021 00:00	34.16	64.17	7.33	1.3
09/03/2021 00:00	33.34	62.49	7.42	4.45
10/03/2021 00:00	31.96	59.24	7.38	5.38
11/03/2021 00:00	30.77	57.13	7.4	5.62
12/03/2021 00:00	30.81	57.22	7.41	5.28
13/03/2021 00:00	30.65	56.89	7.55	2.51
14/03/2021 00:00	30.69	56.98	7.51	2.9
15/03/2021 00:00	30.62	56.84	7.52	4.96 H
16/03/2021 00:00	30.58	56.73	7.51	0.74
17/03/2021 00:00	29.27	54.36	7.6	7.49
18/03/2021 00:00	30.98	57.58	7.7	1.64
19/03/2021 00:00	30.27	56.1	7.7	1.32
20/03/2021 00:00	30.25	56.04	7.7	1.11
21/03/2021 00:00	30.33	56.19	7.54	1.04
22/03/2021 00:00	30.12	55.75	7.46	1.8
23/03/2021 00:00	29.51 <	54.47 <	7.39 <	0 <
24/03/2021 00:00	31.36	58.38	7.34	4.09
25/03/2021 00:00	30.76	57.12	7.47	3
26/03/2021 00:00	30.5	56.56	7.73	6.5
27/03/2021 00:00	30.5	56.55	7.81	2.41
28/03/2021 00:00	30.95	57.51	7.94	3.85
29/03/2021 00:00	30.65	56.91	7.83	4.14
30/03/2021 00:00	30.4	56.32	7.74 L	1.33
31/03/2021 00:00	30.36	56.25	7.87	2.36
Average	31	57.7	7.4	2.9
Geom.Mean	30.9	57.5	7.4	2.7
Maximum	39.6	75.3	7.9	7.5
Median	30.6	56.8	7.5	2.5
Minimum	26.1	48.2	6.5	0
Mode	30.8	57	7.8	0
Std.Deviation	2.5	5.1	0.3	2

EnviroConnect Forbes Marshall Multi Station Report

From Date 01/04/2021 00:00
 To Date 30/04/2021 23:59
 Interval Daily
 Function Average

Plant	BSSK	BSSK	BSSK	BSSK
Analyzer	ETP1	ETP1	ETP1	ETP1
Parameter	BOD	COD	pH	TSS
Unit	mg/l	mg/l	pH	mg/l
Limit	0.00 - 100.00	0.00 - 250.00	5.50 9.00	0.00 - 100.00
01/04/2021 00:00	30.32	56.17	7.84	0.81
02/04/2021 00:00	30.48	56.5	7.58	1.77
03/04/2021 00:00	31	57.62	7.55	2.06
04/04/2021 00:00	31.35	58.34	7.46	1.89
05/04/2021 00:00	31.11	57.83	7.58	2.92
06/04/2021 00:00	31.06	57.74	7.73	3.07
07/04/2021 00:00	31.12	57.36	8.1	2.78
08/04/2021 00:00	30.44	56.44	7.94	0.79
09/04/2021 00:00	31.05	57.71	7.63	7.34
10/04/2021 00:00	31.04	57.68	7.66	1.81
11/04/2021 00:00	31.88	59.45	7.42	2.83
12/04/2021 00:00	31.8	59.29	7.54	2.74
13/04/2021 00:00	31.67	59.03	7.6	2.53
14/04/2021 00:00	31.88	59.44	7.49	3.95
15/04/2021 00:00	32.07	59.83	7.21	2.6
16/04/2021 00:00	32.44	60.59	7.31	4.51
17/04/2021 00:00	32.17	60.06	7.51	5.57
18/04/2021 00:00	32.03	59.78	7.62	5.6
19/04/2021 00:00	31.93	59.54	7.75	2.93
20/04/2021 00:00	31.14	57.98	7.69	7.1
21/04/2021 00:00	31.5	58.65	7.72	4.11
22/04/2021 00:00	31.72	59.11	7.68	6.44
23/04/2021 00:00	31.86	59.4	7.51	5.39
24/04/2021 00:00	31.62	58.9	6.89	5.58
25/04/2021 00:00	31.65	58.95	6.88	5.45
26/04/2021 00:00	31.64	58.96	6.89	6.06
27/04/2021 00:00	31.73	59.12	7.11	5.44
28/04/2021 00:00	32.36	60.45	7.62	5.78
29/04/2021 00:00	31.74	59.17	7.75	8.13
30/04/2021 00:00	31.82	59.28	7.45	3.74
Average	31.5	58.7	7.5	4.1
Geom.Mean	31.5	58.7	7.5	3.5
Maximum	32.4	60.6	8.1	8.1
Median	31.7	59	7.6	3.8
Minimum	30.3	56.2	6.9	0.8
Mode	31.9	59.3	7.5	4
Std.Deviation	0.5	1.2	0.3	2
Total Active Duration				

EnviroConnect Forbes Marshall Multi Station Report

From Date 01/05/2021 00:00
 To Date 31/05/2021 23:59
 Interval Daily
 Function Average

Plant	BSSK	BSSK	BSSK	BSSK
Analyzer	ETP1	ETP1	ETP1	ETP1
Parameter	BOD	COD	pH	TSS
Unit	mg/l	mg/l	pH	mg/l
Limit	0.00 - 100.00	0.00 - 250.00	5.50 - 9.00	0.00 - 100.00
01/05/2021 00:00	31.94	59.54	7.54	2.57
02/05/2021 00:00	32.55	60.81	7.49	11.46 BH
03/05/2021 00:00	32.75	61.24	7.25	6.32
04/05/2021 00:00	32.86	61.26	7.44	7.82
05/05/2021 00:00	33.13	61.44	7.54	8.22
06/05/2021 00:00	33.7	63.25	7.55	7.49
07/05/2021 00:00	35.36	66.65	7.57	9.08
08/05/2021 00:00	34.47	64.84	7.47	8.7
09/05/2021 00:00	34.85	65.66	7.36	8.1
10/05/2021 00:00	33.94 <	63.73 <	7.31 <	7.04 <
Average	33.6	62.8	7.5	7.7
Geom.Mean	33.5	62.8	7.5	7.3
Maximum	35.4	66.6	7.6	11.5
Median	33.4	62.3	7.5	8
Minimum	31.9	59.5	7.3	2.6
Mode	33.7	59.5	7.3	6.3
Std.Deviation	1.1	2.3	0.1	2.3
Total Active Duration				

