



MSV Analytical Laboratories

Recognition by MoEF under Environment (Protection) Act, 1986 and Accredited by NABL (Cert. No. T7207)

(Certified by ISO 14001-2015, OHSAS18001-2007, ISO 9001-2015)

C.M.C Ward No 18 & C.T.C W.No.16 T.S No. 695/A/32/B1, Block No 19 (1st & 2nd Floor)

Sanganakallu Road, KEB Circle, Ballari - 583103 Contact No : Mob : 94498 03895, (O) : 08392-255169,

E-mail : msv.lab01@gmail.com, labmsv@gmail.com, Website : www.msvbellary.com

MSVAL/A/F/16/03

ANALYSIS REPORT OF AMBIENT AIR QUALITY

Test Report No: MSVAL/2021/9041

Issued Date: 02.12.2021

- Name of the Project : M/s. Venkateshwar Power Projects Ltd.,
- Name of the location : PO: Bedkihal, Tq: Chikkodi, Dist: Belgaum
- Sample Collected By : Near Main Gate
- Particulars of the sample collected : MSV Analytical Laboratories
- Date of Sample Receipt : Sample collected with RDS 460BL/Fine Particulate Sampler/CO Analyzer & Benzene sampler
- Analysis Starting Date : 29.11.2021
- Analysis Completion Date : 30.11.2021
- Sample Tested as Received : 02.12.2021

RESULTS

S.NO	PARAMETERS	PROTOCOLS	UNITS	DURATION OF MONITORING	RESULTS	NAAQ STANDARDS
1	Particulate Matter PM ₁₀	IS-5182(Part-23) - 2006	µg/m ³	24 hrs	59.92	100
2	Particulate Matter or PM _{2.5}	LAB SOP: MSVAL/SOP/A/05, Dt: 2.7.2012	µg/m ³	24 hrs	26.31	60
3	Sulphur Dioxide as SO _x	IS-5182(Part-2) - 2001	µg/m ³	24 hrs	4.78	80
4	Oxides of Nitrogen as NO _x	IS-5182(Part-6) - 2006	µg/m ³	24 hrs	9.50	80
5	Ozone as O ₃	IS 5182(part-9)1974	µg/m ³	1 hrs	BDL	180
6	Lead	IS-5182(Part22) - 2004	µg/m ³	24 hrs	BDL	1
7	Carbon Monoxide as CO	LAB SOP: MSVAL/SOP/A/07, Dt: 2.7.2012	mg/m ³	1 hrs	1.60	4
8	Ammonia as NH ₃	LAB SOP: MSVAL/SOP/A/06, Dt: 2.7.2012	µg/m ³	24 hrs	4.20	400
9	Benzene as C ₆ H ₆	IS:5182(part 11) - 2006	µg/m ³	8 hrs	BDL	5
10	Benzo (α) Pyrene (BaP)	CPCB Procedure	ng/m ³	8 hrs	BDL	1
11	Arsenic as As	CPCB Procedure	ng/m ³	8 hrs	BDL	6
12	Nickel as Ni	LAB SOP: MSVAL/SOP/A/08, Dt: 2.7.2012	ng/m ³	8 hrs	BDL	20

BDL-Below Detectable Limit, BDL(Ozone-5 µg/m³, Lead-0.04 µg/m³, Benzene-3.6 µg/m³, Benzo (α) Pyrene (BaP)-0.1 ng/m³, Arsenic-3.5 ng/m³, Nickel-10 ng/m³)

INFERENCE	As per NAAQ Standards
	Report Status :- The analyzed value for above measured parameter is within the limits

Verified by



Authorized Signature

ENV-I/C

- Note: 1. The results listed only to the tested samples & applicable parameters.
2. Water samples will be destroyed after 10 days, Filter papers & Thimbles will be destroyed 3 months from the date of issue of test certificate unless otherwise specified. ILC sample will be destroyed after 1 month from the date of test certificate issue.
3. This report is not to be reproduced wholly or in part & cannot be used as evidence in the court of law & should not be used in any advertising media without our special permission in writing.
4. Total liability of our laboratory is limited to the invoice amount. Any dispute arising out of this report is subject to Bellary Jurisdiction only.
5. Sampling is not done by us unless otherwise specified. 6. The tests and/or calibrations marked with an asterisk are not accredited by NABL.



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MSVAL/A/F/16/03

ANALYSIS REPORT OF AMBIENT AIR QUALITY

Test Report No: MSVAL/2021/9042

Issued Date: 02.12.2021

- Name of the Project : M/s. Venkateshwar Power Projects Ltd.,
- Name of the location : PO: Bedkihal, Tq: Chikkodi, Dist: Belgaum
- Sample Collected By : Near Store Room
- Particulars of the sample collected : MSV Analytical Laboratories
Sample collected with RDS 460BL/Fine Particulate Sampler/CO Analyzer & Benzene sampler
- Date of Sample Receipt : 29.11.2021
- Analysis Starting Date : 30.11.2021
- Analysis Completion Date : 02.12.2021
- Sample Tested as Received

RESULTS

S.NO	PARAMETERS	PROTOCOLS	UNITS	DURATION OF MONITORING	RESULTS	NAAQ STANDARDS
1	Particulate Matter PM ₁₀	IS-5182(Part-23) - 2006	µg/m ³	24 hrs	67.04	100
2	Particulate Matter or PM _{2.5}	LAB SOP: MSVAL/SOP/A/05, Dt: 2.7.2012	µg/m ³	24 hrs	32.19	60
3	Sulphur Dioxide as SO _x	IS-5182(Part-2) - 2001	µg/m ³	24 hrs	4.82	80
4	Oxides of Nitrogen as NO _x	IS-5182(Part-6) - 2006	µg/m ³	24 hrs	9.57	80
5	Ozone as O ₃	IS 5182(part-9)1974	µg/m ³	1 hrs	BDL	180
6	Lead	IS-5182(Part22) - 2004	µg/m ³	24 hrs	BDL	1
7	Carbon Monoxide as CO	LAB SOP: MSVAL/SOP/A/07, Dt: 2.7.2012	mg/m ³	1 hrs	1.45	4
8	Ammonia as NH ₃	LAB SOP: MSVAL/SOP/A/06, Dt: 2.7.2012	µg/m ³	24 hrs	3.96	400
9	Benzene as C ₆ H ₆	IS:5182(part 11) - 2006	µg/m ³	8 hrs	BDL	5
10	Benzo (α) Pyrene (BaP)	CPCB Procedure	ng/m ³	8 hrs	BDL	1
11	Arsenic as As	CPCB Procedure	ng/m ³	8 hrs	BDL	6
12	Nickel as Ni	LAB SOP: MSVAL/SOP/A/08, Dt: 2.7.2012	ng/m ³	8 hrs	BDL	20

BDL-Below Detectable Limit, BDL(Ozone-5 µg/m³, Lead-0.04 µg/m³, Benzene-3.6 µg/m³, Benzo (α) Pyrene (BaP)-0.1 ng/m³, Arsenic-3.5 ng/m³, Nickel-10 ng/m³, Carbon Monoxide-1.5mg/m³)

INFERENCE	As per NAAQ Standards
	Report Status :- The analyzed value for above measured parameter is within the limits

Verified by



Authorized Signature

- Note: 1. The results listed only to the tested samples & applicable parameters,
2. Water samples will be destroyed after 10 days, Filter papers & Thimbles will be destroyed 3 months from the date of issue of test certificate unless otherwise specified. ILC sample will be destroyed after 1 month from the date of test certificate issue.
3. This report is not to be reproduced wholly or in part & cannot be used as evidence in the court of law & should not be used in any advertising media without our special permission in writing.
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MSVAL/A/F/16/03

ANALYSIS REPORT OF AMBIENT AIR QUALITY

Test Report No: MSVAL/2021/9043

Issued Date: 02.12.2021

1. Name of the Project	:	M/s. Venkateshwar Power Projects Ltd.,
2. Name of the location	:	PO: Bedkihal, Tq: Chikkodi, Dist: Belgaum
3. Sample Collected By	:	Near Administrative Office
4. Particulars of the sample collected	:	MSV Analytical Laboratories
5. Date of Sample Receipt	:	Sample collected with RDS 460BL/Fine Particulate Sampler/CO Analyzer & Benzene sampler
6. Analysis Starting Date	:	29.11.2021
7. Analysis Completion Date	:	30.11.2021
8. Sample Tested as Received	:	02.12.2021

RESULTS

S.NO	PARAMETERS	PROTOCOLS	UNITS	DURATION OF MONITORING	RESULTS	NAAQ STANDARDS
1	Particulate Matter PM ₁₀	IS-5182(Part-23) - 2006	µg/m ³	24 hrs	53.38	100
2	Particulate Matter or PM _{2.5}	LAB SOP: MSVAL/SOP/A/05, Dt: 2.7.2012	µg/m ³	24 hrs	28.47	60
3	Sulphur Dioxide as SO _x	IS-5182(Part-2) - 2001	µg/m ³	24 hrs	4.80	80
4	Oxides of Nitrogen as NO _x	IS-5182(Part-6) - 2006	µg/m ³	24 hrs	9.53	80
5	Ozone as O ₃	IS 5182(part-9)1974	µg/m ³	1 hrs	BDL	180
6	Lead	IS-5182(Part22) - 2004	µg/m ³	24 hrs	BDL	1
7	Carbon Monoxide as CO	LAB SOP: MSVAL/SOP/A/07, Dt: 2.7.2012	mg/m ³	1 hrs	1.20	4
8	Ammonia as NH ₃	LAB SOP: MSVAL/SOP/A/06, Dt: 2.7.2012	µg/m ³	24 hrs	3.50	400
9	Benzene as C ₆ H ₆	IS:5182(part 11) - 2006	µg/m ³	8 hrs	BDL	5
10	Benzo (α) Pyrene (BaP)	CPCB Procedure	ng/m ³	8 hrs	BDL	1
11	Arsenic as As	CPCB Procedure	ng/m ³	8 hrs	BDL	6
12	Nickel as Ni	LAB SOP: MSVAL/SOP/A/08, Dt: 2.7.2012	ng/m ³	8 hrs	BDL	20

BDL-Below Detectable Limit, BDL(Ozone-5 µg/m³, Lead-0.04 µg/m³, Benzene-3.6 µg/m³, Benzo (α) Pyrene (BaP)-0.1 ng/m³, Arsenic-3.5 ng/m³, Nickel-10 ng/m³, Carbon Monoxide-1.5mg/m³)

INFERENCE	As per NAAQ Standards
	Report Status :- The analyzed value for above measured parameter is within the limits

Verified by



Authorized Signature

- Note: 1. The results listed only to the tested samples & applicable parameters.
2. Water samples will destroyed after 10days, Filter papers & Thimbles will be destroyed 3months from the date of issue of test certificate unless otherwise specified. ILC sample will be destroyed after 1 month from the date of test certificate issue.
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E-mail : msv.lab01@gmail.com, labmsv@gmail.com, Website : www.msvallbellary.com

MSVAL/A/F/16/03

ANALYSIS REPORT OF AMBIENT AIR QUALITY

Test Report No: MSVAL/2021/9044

Issued Date: 02.12.2021

- Name of the Project : M/s. Venkateshwar Power Projects Ltd.,
- Name of the location : PO: Bedkihal, Tq: Chikkodi, Dist: Belgaum
- Sample Collected By : Near ETP Plant
- Particulars of the sample collected : MSV Analytical Laboratories
Sample collected with RDS 460BL/Fine Particulate Sampler/CO Analyzer & Benzene sampler
- Date of Sample Receipt : 29.11.2021
- Analysis Starting Date : 30.11.2021
- Analysis Completion Date : 02.12.2021
- Sample Tested as Received

RESULTS

S.NO	PARAMETERS	PROTOCOLS	UNITS	DURATION OF MONITORING	RESULTS	NAAQ STANDARDS
1	Particulate Matter PM ₁₀	IS-5182(Part-23) - 2006	µg/m ³	24 hrs	69.92	100
2	Particulate Matter or PM _{2.5}	LAB SOP: MSVAL/SOP/A/05, Dt: 2.7.2012	µg/m ³	24 hrs	26.31	60
3	Sulphur Dioxide as SO ₂	IS-5182(Part-2) - 2001	µg/m ³	24 hrs	4.78	80
4	Oxides of Nitrogen as NO _x	IS-5182(Part-6) - 2006	µg/m ³	24 hrs	9.50	80
5	Ozone as O ₃	IS 5182(part-9)1974	µg/m ³	1 hrs	BDL	180
6	Lead	IS-5182(Part22) - 2004	µg/m ³	24 hrs	BDL	1
7	Carbon Monoxide as CO	LAB SOP: MSVAL/SOP/A/07, Dt: 2.7.2012	mg/m ³	1 hrs	1.42	4
8	Ammonia as NH ₃	LAB SOP: MSVAL/SOP/A/06, Dt: 2.7.2012	µg/m ³	24 hrs	3.84	400
9	Benzene as C ₆ H ₆	IS:5182(part 11) - 2006	µg/m ³	8 hrs	BDL	5
10	Benzo (α) Pyrene (BaP)	CPCB Procedure	ng/m ³	8 hrs	BDL	1
11	Arsenic as As	CPCB Procedure	ng/m ³	8 hrs	BDL	6
12	Nickel as Ni	LAB SOP: MSVAL/SOP/A/08, Dt: 2.7.2012	ng/m ³	8 hrs	BDL	20

BDL-Below Detectable Limit, BDL(Ozone-5 µg/m³, Lead-0.04 µg/m³, Benzene-3.6 µg/m³, Benzo (α) Pyrene (BaP)-0.1 ng/m³, Arsenic-3.5 ng/m³, Nickel-10 ng/m³, Carbon Monoxide-1.5mg/m³)

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MSVAL/A/F/16/03

ANALYSIS REPORT OF AMBIENT AIR QUALITY

Test Report No: MSVAL/2021/9045

Issued Date: 02.12.2021

1. Name of the Project	:	M/s. Venkateshwar Power Projects Ltd., PO: Bedkihal, Tq: Chikkodi, Dist: Belgaum (Distillery Section)
2. Name of the location	:	Near Main Gate
3. Sample Collected By	:	MSV Analytical Laboratories
4. Particulars of the sample collected	:	Sample collected with RDS 460BL/Fine Particulate Sampler/CO Analyzer & Benzene sampler
5. Date of Sample Receipt	:	29.11.2021
6. Analysis Starting Date	:	30.11.2021
7. Analysis Completion Date	:	02.12.2021
8. Sample Tested as Received	:	

RESULTS

S.NO	PARAMETERS	PROTOCOLS	UNITS	DURATION OF MONITORING	RESULTS	NAAQ STANDARDS
1	Particulate Matter PM ₁₀	IS-5182(Part-23) – 2006	µg/m ³	8 hrs	75.04	100
2	Particulate Matter or PM _{2.5}	LAB SOP: MSVAL/SOP/A/05, Dt: 2.7.2012	µg/m ³	8 hrs	32.19	60
3	Sulphur Dioxide as SO _x	IS-5182(Part-2) – 2001	µg/m ³	8 hrs	4.82	80
4	Oxides of Nitrogen as NO _x	IS-5182(Part-6) - 2006	µg/m ³	8 hrs	9.57	80
5	Ozone as O ₃	IS 5182(part-9)1974	µg/m ³	1 hrs	BDL	180
6	Lead	IS-5182(Part22) - 2004	µg/m ³	8 hrs	BDL	1
7	Carbon Monoxide as CO	LAB SOP: MSVAL/SOP/A/07, Dt: 2.7.2012	mg/m ³	-	1.90	4
8	Ammonia as NH ₃	LAB SOP: MSVAL/SOP/A/06, Dt: 2.7.2012	µg/m ³	1 hrs	4.25	400
9	Benzene as C ₆ H ₆	IS:5182(part 11) – 2006	µg/m ³	8 hrs	BDL	5
10	Benzo (α) Pyrene (BaP)	CPCB Procedure	ng/m ³	8 hrs	BDL	1
11	Arsenic as As	CPCB Procedure	ng/m ³	8 hrs	BDL	6
12	Nickel as Ni	LAB SOP: MSVAL/SOP/A/08, Dt: 2.7.2012	ng/m ³	8 hrs	BDL	20

BDL-Below Detectable Limit, BDL(Ozone-5 µg/m³, Lead-0.04 µg/m³, Benzene-3.6 µg/m³, Benzo (α) Pyrene (BaP)-0.1 ng/m³, Arsenic-3.5 ng/m³, Nickel-10 ng/m³, Carbon Monoxide-1.5mg/m³)

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