



Excellent Enviro Laboratory & Research Center

1 of 2

20.02.2020

Report No: Report No: EEL/ABD/A-51/07/2020-21

Name and Address of the Client :

M/s. Daund Sugar Pvt. Ltd,
Alegaon, Tal-Daund, Dist-Pune,
Maharashtra.

Date of Report : 20.02.2020

Sample Collected By : Green Envirosafe Engineers & Consultant Pvt. Ltd, Pune
Sample Registration Date : 18.02.2020

Sample Condition : Sample received in polythene covers and Sample Bottles

Sampling Procedure : CPCB Guidelines (NAAQMS/Volume – I/2013-14)

Sample Description/Code : **Ambient Air Quality Monitoring**

Sub Contract Test : NA

Registration Number : GEECL/DSPL/AAQ/12-17 – 3216

Environmental Condition : Weather Condition : **Sunny**
: Temperature/Humidity: **31°C/62%**

AN "ENVIRONMENTAL LABORATORY"

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07745069991
08668441453

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Building No.1, Flat No. B-3,
Near Peace Park Hotel,
Thana Naka, Panvel - 410 206
09730744665/08668441453

PUNE OFFICE

Gut No. 1252, Tuljai Nagar
Behind Gharkul Building
No. C-11, Spine Road
Newale Wasti Chikhali
Pune - 411062



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EMS 14001 : 2015
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Report No: EEL/ABD/A-51/07/2020-21

Samples are analyzed "as is where is basis"

S.No	Location	Project Site	NAAQS LIMITS	PROTOCOL
1	Date of Sampling	18.02.2020 TO 20.02.2020	--	--
2	Total Time of Monitoring	24 hours	--	--
3	Average Flow Rate (cub/min)	1.22	--	--
4	Particulate Matter($\mu\text{g}/\text{m}^3$)PM ₁₀	68.9	< 100.0	IS 5182 (Part 23)
5	Particulate Matter($\mu\text{g}/\text{m}^3$)PM _{2.5}	25.5	< 60.0	LAB SOP NO: SEPL/SOP/AAQ/LAB-235 CPCB Manual (NAAQMS/36/2012-13) Gravimetric Method (Cyclonic Flow technique)
6	Sulfur dioxide(SO ₂) Concentration($\mu\text{g}/\text{m}^3$)	19.2	< 80.0	IS 5182 (Part 2)
7	Nitrogen dioxide(Nox) Concentration($\mu\text{g}/\text{m}^3$)	29.4	< 80.0	IS 5182 (Part 6)

Opinion and interpretation: Nil

NA: Not Applicable

Note: The above * mentioned not under NABL Scope.

- Test reports shall not be reproduced expect in full, without written approval of the laboratory.

Calibration:

Date of Calibration: 20.02.2020 (PM₁₀) & 20.02.2020 (PM_{2.5}) **Due Date:** 19.05.2020 (PM₁₀) & 19.05.2020 (PM_{2.5})

– End of the Report –

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Date: 21.02.2020

Name of the Customer
M/s. Daund Sugar Limited,
 At/Post Alegaon (Kadam Vasti),
 Tal.- Daund, Dist. – Pune,
 Maharashtra .

Test Report No : EEL/ABD/WW-52/07/2020-21
Sample particulars : Compost Yard _ East Side Water
Sample quantity : 2 Liters
Collected by / date : Customer / 21.02.2020
Sample Registration Date : 21.02.2020
Analysis Commenced on : 20.02.2020
Analysis Completed on : 24. 02.2020
Sub Contract Testing : NA

S.No	Parameter	Method	Unit	Result	IS 10500 Limits	
					Acceptable	Permissible
1	pH@26.9°C	APHA 22 nd Edition 4500 H ⁺ B	--	7.32	6.5-8.5	No Relaxation
2*	Color	APHA 22 nd Edition 2120 B	Hazen	< 1.0	5.5	15.0
3	Turbidity	APHA 22 nd Edition 2130 B	NTU	< 0.5	1.0	5.0
4	Total Dissolved Solids	APHA 22 nd Edition 2540 C	mg/L	330.21	500.0	2000.0
5	Total Alkalinity (as CaCO ₃)	APHA 22 nd Edition 2320 B	mg/L	140.2	200.0	600.0
6	Total Hardness (as CaCO ₃)	APHA 22 nd Edition 2340 C	mg/L	158.6	200.0	600.0
7	Calcium (as Ca)	APHA 22 nd Edition 3500 Ca B	mg/L	40.9	75.0	200.0
8	Sulphate (as SO ₄)	APHA 22 nd Edition 4500 SO ₄ E	mg/L	12.40	200	400
9	Chloride (as Cl)	APHA 22 nd Edition 4500 Cl ⁻ B	mg/L	12.30	250	1000
10	Lead as Pb	APHA 22 nd Edition 3111B	mg/L	< 0.001	0.01	No Relaxation
11	Nitrate Nitrogen	APHA 22 nd Edition 4500 NO ₃ B	mg/L	1.25	45.0	No Relaxation
12	Hexavalent Chromium as Cr+6	APHA 22 nd Edition, 2012; 3500 Cr B	mg/L	0.017	0.05	No Relaxation
13	Cadmium Cd	APHA 22 nd Edition ; 3111 B	mg/L	< 0.001	0.003	No Relaxation
14	Mercury as Hg	Instrument Manual Method	mg/L	< 0.001	0.001	No Relaxation

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Test Report No

: EEL/ABD/WW-52/07/2020-21

S.No	Parameter	Method	Unit	Result	IS 10500 Limits	
					Acceptable	Permissible
15	Total Chromium as Cr	APHA 22 nd Edition 3111B	mg/l	< 0.05	0.05	No Relaxation
16	Nickel as Ni	APHA 22 nd Edition 3111B	mg/l	< 0.02	0.02	No Relaxation
17	Iron as Fe	APHA 22 nd Edition 3500 Fe B	mg/l	0.11	0.3	No Relaxation
18	Arsenic as As	APHA 22 nd Edition, 3500 As B	mg/L	< 0.01	0.01	0.05
19	MPN	--	MPN/ 100 ml	50.0	Shall not be detectable in any 100 ml sample	

Opinion and interpretation: Nil

NA: Not Applicable

Note: The above * mentioned parameters not under NABL scope

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 Tal.- Daund, Dist. – Pune,
 Maharashtra .

1 of 2
Date: 21.02.2020

Test Report No : **EEL/ABD/WW-53/07/2020-21**
Sample particulars : **Compost Yard _ North Side Water**
Sample quantity : 2 Liters
Collected by / date : Customer / 20.02.2020
Sample-Registration Date : **20.02.2020**
Analysis Commenced on : 21.12.2020
Analysis Completed on : 24.02.2020
Sub Contract Testing : NA

S.No	Parameter	Method	Unit	Result	IS 10500 Limits	
					Acceptable	Permissible
1	pH@26.9°C	APHA 22 nd Edition 4500 H ⁺ B	--	7.20	6.5-8.5	No Relaxation
2*	Color	APHA 22 nd Edition 2120 B	Hazen	< 1.0	5.0	15.0
3	Turbidity	APHA 22 nd Edition 2130 B	NTU	< 0.5	1.0	5.0
4	Total Dissolved Solids	APHA 22 nd Edition 2540 C	mg/L	350.20	500.0	2000.0
5	Total Alkalinity (as CaCO ₃)	APHA 22 nd Edition 2320 B	mg/L	160.50	200.0	600.0
6	Total Hardness (as CaCO ₃)	APHA 22 nd Edition 2340 C	mg/L	175.5	200.0	600.0
7	Calcium (as Ca)	APHA 22 nd Edition 3500 Ca B	mg/L	45.4	75.0	200.0
8	Sulphate (as SO ₄)	APHA 22 nd Edition 4500 SO ₄ E	mg/L	8.52	200	400
9	Chloride (as Cl)	APHA 22 nd Edition 4500 Cl ⁻ B	mg/L	17.25	250	1000
10	Lead as Pb	APHA 22 nd Edition 3111 B	mg/L	< 0.001	0.01	No Relaxation
11	Nitrate Nitrogen	APHA 22 nd Edition 4500 NO ₃ B	mg/L	2.98	45.0	No Relaxation
12	Hexavalent Chromium as Cr+6	APHA 22 nd Edition, 2012; 3500 Cr B	mg/L	0.01	0.05	No Relaxation
13	Cadmium Cd	APHA 22 nd Edition ; 3111 B	mg/L	< 0.001	0.003	No Relaxation
14	Mercury as Hg	Instrument Manual Method	mg/L	< 0.001	0.001	No Relaxation

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S.No	Parameter	Method	Unit	Result	IS 10500 Limits	
					Acceptable	Permissible
15	Total Chromium as Cr	APHA 22 nd Edition 3111B	mg/l	< 0.05	0.05	No Relaxation
16	Nickel as Ni	APHA 22 nd Edition 3111B	mg/l	< 0.02	0.02	No Relaxation
17	Iron as Fe	APHA 22 nd Edition 3500 Fe B	mg/l	0.15	0.3	No Relaxation
18	Arsenic as As	APHA 22 nd Edition, 3500 As B	mg/L	< 0.01	0.01	0.05
19	MPN	--	MPN/100 ml	46.0	Shall not be detectable in any 100 ml sample	

Opinion and interpretation: Nil

NA: Not Applicable

Note: The above * mentioned parameters not under NABL scope

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Date: 21.02.2020

Name of the Customer
M/s. Daund Sugar Limited,
At/Post Alegaon (Kadam Vasti),
Tal.- Daund, Dist. – Pune,
Maharashtra .

Test Report No : EEL/ABD/WW-54/07/2020-21
Sample particulars : Compost Yard _ South Side Water
Sample quantity : 2 Liters
Collected by / date : Customer / 20.02.2020
Sample Registration Date : 20.02.2020
Analysis Commenced on : 21.02.2020
Analysis Completed on : 24.02.2020
Sub Contract Testing : NA

S.No	Parameter	Method	Unit	Result	IS 10500 Limits	
					Acceptable	Permissible
1	pH@26.9°C	APHA 22 nd Edition 4500 H ⁺ B	--	7.55	6.5-8.5	No Relaxation
2*	Color	APHA 22 nd Edition 2120 B	Hazen	< 1.0	5.0	15.0
3	Turbidity	APHA 22 nd Edition 2130 B	NTU	0.66	1.0	5.0
4	Total Dissolved Solids	APHA 22 nd Edition 2540 C	mg/L	350.01	500.0	2000.0
5	Total Alkalinity (as CaCO ₃)	APHA 22 nd Edition 2320 B	mg/L	161.18	200.0	600.0
6	Total Hardness (as CaCO ₃)	APHA 22 nd Edition 2340 C	mg/L	162.35	200.0	600.0
7	Calcium (as Ca)	APHA 22 nd Edition 3500 Ca B	mg/L	41.40	75.0	200.0
8	Sulphate (as SO ₄)	APHA 22 nd Edition 4500 SO ₄ E	mg/L	9.10	200	400
9	Chloride (as Cl)	APHA 22 nd Edition 4500 Cl ⁻ B	mg/L	11.27	250	1000
10	Lead as Pb	APHA 22 nd Edition 3111 B	mg/L	< 0.001	0.01	No Relaxation
11	Nitrate Nitrogen	APHA 22 nd Edition 4500 NO ₃ B	mg/L	0.79	45.0	No Relaxation
12	Hexavalent Chromium as Cr+6	APHA 22 nd Edition, 2012; 3500 Cr B	mg/L	0.012	0.05	No Relaxation
13	Cadmium Cd	APHA 22 nd Edition ; 3111 B	mg/L	< 0.001	0.003	No Relaxation
14	Mercury as Hg	Instrument Manual Method	mg/L	< 0.001	0.001	No Relaxation

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S.No	Parameter	Method	Unit	Result	IS 10500 Limits	
					Acceptable	Permissible
15	Total Chromium as Cr	APHA 22 nd Edition 3111B	mg/l	< 0.05	0.05	No Relaxation
16	Nickel as Ni	APHA 22 nd Edition 3111B	mg/l	< 0.02	0.02	No Relaxation
17	Iron as Fe	APHA 22 nd Edition 3500 Fe B	mg/l	0.16	0.3	No Relaxation
18	Arsenic as As	APHA 22 nd Edition, 3500 As B	mg/L	< 0.01	0.01	0.05
19	MPN	--	MPN/100 ml	55.0	Shall not be detectable in any 100 ml sample	

Opinion and interpretation: Nil

NA: Not Applicable

Note: The above * mentioned parameters not under NABL scope

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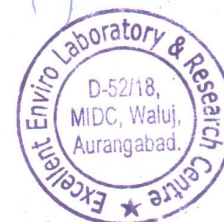
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Date: 21.02.2020

Name of the Customer
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Test Report No : EEL/ABD/WW-55/07/2020-21
Sample particulars : Compost Yard _ West Side Water
Sample quantity : 2 Liters
Collected by / date : Customer / 20.02.2020
Sample Registration Date : 20.02.2020
Analysis Commenced on : 21.02.2020
Analysis Completed on : 24.02.2020
Sub Contract Testing : NA

S.No	Parameter	Method	Unit	Result	IS 10500 Limits	
					Acceptable	Permissible
1	pH@26.9°C	APHA 22 nd Edition 4500 H ⁺ B	--	7.78	6.5-8.5	No Relaxation
2*	Color	APHA 22 nd Edition 2120 B	Hazen	< 1.0	5.0	15.0
3	Turbidity	APHA 22 nd Edition 2130 B	NTU	0.60	1.0	5.0
4	Total Dissolved Solids	APHA 22 nd Edition 2540 C	mg/L	310.42	500.0	2000.0
5	Total Alkalinity (as CaCO ₃)	APHA 22 nd Edition 2320 B	mg/L	126.10	200.0	600.0
6	Total Hardness (as CaCO ₃)	APHA 22 nd Edition 2340 C	mg/L	150.86	200.0	600.0
7	Calcium (as Ca)	APHA 22 nd Edition 3500 Ca B	mg/L	42.20	75.0	200.0
8	Sulphate (as SO ₄)	APHA 22 nd Edition 4500 SO ₄ E	mg/L	9.36	200	400
9	Chloride (as Cl)	APHA 22 nd Edition 4500 Cl ⁻ B	mg/L	13.26	250	1000
10	Lead as Pb	APHA 22 nd Edition 3111B	mg/L	< 0.001	0.01	No Relaxation
11	Nitrate Nitrogen	APHA 22 nd Edition 4500 NO ₃ B	mg/L	01.80	45.0	No Relaxation
12	Hexavalent Chromium as Cr+6	APHA 22 nd Edition, 2012; 3500 Cr B	mg/L	0.015	0.05	No Relaxation
13	Cadmium Cd	APHA 22 nd Edition ; 3111 B	mg/L	< 0.001	0.003	No Relaxation
14	Mercury as Hg	Instrument Manual Method	mg/L	< 0.001	0.001	No Relaxation

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S.No	Parameter	Method	Unit	Result	IS 10500 Limits	
					Acceptable	Permissible
15	Total Chromium as Cr	APHA 22 nd Edition 3111B	mg/l	< 0.04	0.05	No Relaxation
16	Nickel as Ni	APHA 22 nd Edition 3111B	mg/l	< 0.02	0.02	No Relaxation
17	Iron as Fe	APHA 22 nd Edition 3500 Fe B	mg/l	0.12	0.3	No Relaxation
18	Arsenic as As	APHA 22 nd Edition, 3500 As B	mg/L	< 0.01	0.01	0.05
19	MPN	--	MPN/100 ml	48.0	Shall not be detectable in any 100 ml sample	

Opinion and interpretation: Nil

NA: Not Applicable

Note: The above * mentioned parameters not under NABL scope

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Date: 20.02.2020

Name of the Customer : M/s. Daund Sugar Pvt, Ltd,
Alegaon, Tal-Daund, Dist-Pune,
Maharashtra.

Report Number : EEL/ABD/N-56/07/2020-21
Sample Particulars : Noise Level Monitoring

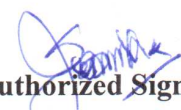
S.No	Name of the place	Date of Monitoring	Category of Area/zone	Day Time In Leq dB (A)	Night Time In Leq dB (A)	CPCB Noise (Day time)	CPCB Noise (Night time)
1.	PROJECT SITE	18.02.2020 TO 20.02.2020	Industrial	65.1	55.2	75dB (A)	70dB (A)

Instrument Details:

1	Instrument	Sound Level Meter
2	Make	LUTRON
3	Model/ID.No	SL-4001/SEPL/SLM-01
4	Calibrated On	20.02.2020
5	Calibration Due Date	19.02.2021

--End of the Report--


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Behind Gharkul Building
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Location: Project Site

Date of Monitoring : 18.02.2020-20.02.2020

Sr. No.	Time	Day Time (dB (A))	Night Time (dB (A))	TSPCB NORMS (Day time)	TSPCB NORMS (Night time)
1	10:03	71.9		75dB (A)	70dB (A)
2	11:03	60.8	-		
3	12:03	63.2	-		
4	13:04	63.2	-		
5	14:03	63.3	-		
6	15:09	53.1	-		
7	16:03	56.1	-		
8	17:08	52.4	-		
9	18:05	62.3	-		
10	19:03	57.1	-		
11	20:03	55.5	-		
12	21:03	50.5	-		
13	22:03	-	52.3		
14	23:02	-	56.1		
15	24:02	-	52.8		
16	01:02	-	51.5		
17	02:08	-	53.2		
18	03:02	-	52.1		
19	04:03	-	51.0		
20	05:04	-	54.5		
21	06:02	53.1	-		
22	07:02	53.5	-		
23	08:03	58.5	-		
24	09:02	67.2	-		
Leq		60.3.	55.0		

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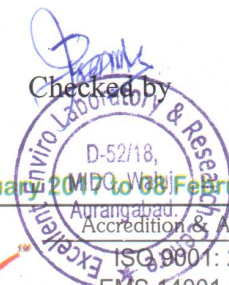
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1 of 2

Date: 21.02.2020

Name of the Customer

M/s.Daund Sugar Pvt.Ltd.,
Alegaon Tal-Daund,Dis-Pune,
Maharashtra.

Test Report No

: EEL/ABD/DW-57/07/2020-21

Sample particulars

: Drinking Water

Sample quantity

: 2 Liters

Collected by / date

: SEPL / 18.02.2020

Sample Registration Date

: 18.02.2020

Analysis Commenced on

: 19.02.2020

Analysis Completed on

: 19.02.2020

Sub Contract Testing

: NA

S.No	Parameter	Method	Unit	Result	IS 10500 Limits	
					Acceptable	Permissible
1	pH@27.2°C	APHA 22 nd Edition 4500 H ⁺ B	--	7.40	6.5-8.5	No Relaxation
3	Electrical Conductivity @26.3°C	APHA 22 nd Edition 2510 B	µmho /cm	142.0	--	--
4	Color	APHA 22 nd Edition 2120 B	CU	< 1.0	5.0	15.0
5	Turbidity	APHA 22 nd Edition 2130 B	NTU	< 0.5	1.0	5.0
6	Total Dissolved Solids	APHA 22 nd Edition 2540 C	mg/L	72.3	500.0	2000.0
7	Total Alkalinity (as CaCO ₃)	APHA 22 nd Edition 2320 B	mg/L	25.2	200.0	600.0
8	Total Hardness (as CaCO ₃)	APHA 22 nd Edition 2340 C	mg/L	38.0	200.0	600.0
9	Calcium (as Ca)	APHA 22 nd Edition 3500 Ca B	mg/L	7.02	75.0	200.0
10	Magnesium (as Mg)	APHA 22 nd Edition 3500-Mg B	mg/L	3.90	30	100
11	Sulphate (as SO ₄)	APHA 22 nd Edition 4500 SO ₄ E	mg/L	4.10	200	400
12	Chloride (as Cl)	APHA 22 nd Edition 4500 Cl ⁻ B	mg/L	18.10	250	1000
13	Lead as Pb	APHA 22 nd Edition 3111B	mg/L	< 0.001	0.01	No Relaxation
14	Copper as Cu	APHA 22 nd Edition 3111B	mg/L	< 0.01	0.05	1.5
15	Zinc as Zn	APHA 22 nd Edition 3111B	mg/L	< 0.20	5	15
16	Fluorides as F	APHA 22 nd Edition 4500 F ⁻ D	mg/L	< 0.50	1.0	1.5
17	Manganese as Mn	APHA 22 nd Edition 3111B	mg/L	< 0.01	0.1	0.3

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Test Report No

: EEL/ABD/DW-57/07/2020-21

S.No	Parameter	Method	Unit	Result	IS 10500 Limits	
					Acceptable	Permissible
18	Iron as Fe	APHA 22 nd Edition 3500 Fe B	mg/L	0.15	0.3	No Relaxation
19	Silica as SiO ₂	APHA 22 nd Edition, 2012; 4500 SiO ₂ C	mg/L	0.32	--	--
20	Nitrate Nitrogen	APHA 22 nd Edition 4500 NO ₃ B	mg/L	< 0.1	45.0	No Relaxation
21	Sodium as Na	APHA 22 nd Edition 3500 Na B	mg/L	10.8	--	--
22	Potassium as K	APHA 22 nd Edition 3500 K B	mg/L	< 5.0	--	--
23	Total Suspended Solids	APHA 22 nd Edition 2540 D	mg/L	< 15.0	--	--
24	Phosphates as PO ₄	APHA 22 nd Edition 4500 P C	mg/L	< 0.1	--	--

Opinion and interpretation: Nil

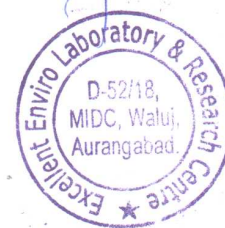
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1 of 2

Date: 20.02.2020

Name of the Customer

M/s.Daund Sugar Pvt.Ltd.,
Alegaon Tal-Daund,Dis-Pune,
Maharashtra.

Test Report No : EEL/ABD/WW-58/07/2020-21

Sample particulars : **Ground Water**
Sample quantity : 2 Liters
Collected by / date : SEPL / 17.02.2020
Sample Registration Date : 17.02.2020
Analysis Commenced on : 17.02.2020
Analysis Completed on : 19.02.2020
Sub Contract Testing : NA

Sr. No.	Parameter	Method	Unit	Result	IS Drinking Water Limits 10500:2012	
					Desirable	Permissible
1	pH@26.2 ⁰ C	APHA 22 nd Edition; 4500 H ⁺ B	--	7.21	6.5-8.5	No Relaxation
2	Conductivity@26.9 ⁰ C	APHA 22 nd Edition; 2510 B	μMho/cm	750.5	--	--
3	Color	APHA 22 nd Edition; 2120 B	CU	< 1.0	5	15
4	Odour	APHA 22 nd Edition; 2150 B	Agreeable	Agreeable	Agreeable	Agreeable
5	Total Dissolved Solids	APHA 22 nd Edition; 2540 C	mg/L	520.0	500	2000
6	Alkalinity as CaCO ₃	APHA 22 nd Edition; 2320 B	mg/L	214.0	200	600
7	Total Hardness as CaCO ₃	APHA 22 nd Edition; 2340 C	mg/L	279.0	200	600
8	Calcium as Ca ⁺²	APHA 22 nd Edition; 3500 Ca B	mg/L	48.18	75	200
9	Magnesium as Mg ⁺²	APHA 22 nd Edition; 3500 Mg B	mg/L	37.53	30	100
10	Sodium as Na ⁺	APHA 22 nd Edition; 3500 Na B	mg/L	56.0	--	--
11	Potassium as K ⁺	APHA 22 nd Edition; 3500 K B	mg/L	< 5.0	--	--
12	Chlorides as Cl ⁻	APHA 22 nd Edition; 4500 Cl- B	mg/L	88.13	250	1000
13	Sulphates as SO ₄ ⁻²	APHA 22 nd Edition; 4500 SO ₄ ² E	mg/L	32.10	200	400

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Test Report No : EEL/ABD/WW-58/07/2020-21

S. No.	Parameter	Method	Unit	Result	IS Drinking Water Limits 10500:2012	
					Desirable	Desirable
14	Nitrate Nitrogen as NO_3^-	APHA 22 nd Edition; 4500 NO_3^- B	mg/L	7.64	45	No Relaxation
15	Fluorides as F^-	APHA 22 nd Edition; 4500 F-D	mg/L	< 0.5	1	1.5
16	Phosphorus as PO_4^{3-}	APHA 22 nd Edition; 4500 P C	mg/L	< 0.5	--	--
17	Iron as Fe^{+2}	APHA 22 nd Edition; 3500 Fe B	mg/L	< 0.1	0.3	No Relaxation
18	Copper as Cu^{+2}	APHA 22 nd Edition; 3111 B	mg/L	< 0.02	0.05	1.5
19	Total Chromium as Cr	APHA 22 nd Edition; 3111 B	mg/L	< 0.05	0.05	0.05
20	Cadmium Cd^{+2}	APHA 22 nd Edition; 3111 B	mg/L	< 0.001	< 0.003	No Relaxation
21	Manganese as Mn	APHA 22 nd Edition; 3111 B	mg/L	< 0.04	0.1	0.3
22	Nickel as Ni^{+2}	APHA 22 nd Edition; 3111 B	mg/L	< 0.01	0.02	No Relaxation
23	Zinc as Zn^{+2}	APHA 22 nd Edition; 3111 B	mg/L	< 0.5	5	15
24	Lead as Pb^{+4}	APHA 22 nd Edition; 3111 B	mg/L	< 0.005	0.01	No Relaxation
25	Aluminium as Al	APHA 22 nd Edition; 3500 Al B	mg/L	< 0.01	< 0.03	0.2
26	Boron as B	APHA 22 nd Edition; 4500 B B	mg/L	< 0.1	0.5	1.0

Opinion and interpretation: Nil

NA: Not Applicable

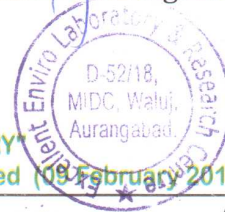
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Date: 20.02.2020

Name of the : **M/s.Daund Sugar Pvt.Ltd.,**
Alegaon Tal-Daund,Dis-Pune,
Maharashtra.

Report Number : **EEL/ABD/SO-59/07/2020-21**
Sampler Particulars : Soil Sample
Collected by/date : SEPL / 17.02.2020
Analysis Commenced on : 17.02.2020
Analysis Completed on : 19.02.2020

S.No	Parameters	Method	Units	Results
1	P ^H (1:2 Soil Water Extract)	IS : 2720 (Part – 26) :2011	--	7.15
2	Electrical Conductivity (1:2 soil Water Extract)	Lab SOP No: SEPL/SOP/SOIL/LAB-255, Issue no:01, Issue Date:01-08-2013; Based on Method Manual Soil Testing in India Department of Agriculture & Cooperation Ministry of Agriculture Government of India	micro mhos	255.0
3	Bulk Density	IS : 2720 (Part – 28):2010	g/cc	1.09
4	Moisture Content	IS : 2720 (Part – 18):2002	%	13
5	Phosphorous as P ₂ O ₅	Lab SOP No: SEPL/SOP/SOIL/LAB-247, Issue no:01, Issue Date:01-08-2013; Based on Method Manual Soil Testing in India Department of Agriculture & Cooperation Ministry of Agriculture Government of India	mg/ kg	7.8
6	Potassium as K ₂ O	Lab SOP No: SEPL/SOP/SOIL/LAB-252, Issue no:01, Issue Date:01-08-2013; Based on Method Manual Soil Testing in India Department of Agriculture & Cooperation Ministry of Agriculture Government of India	mg/ kg	8.45
7	Sodium as Na ₂ O	Lab SOP No: SEPL/SOP/SOIL/LAB-253, Issue no:01, Issue Date:01-08-2013; Based on Method Manual Soil Testing in India Department of Agriculture & Cooperation Ministry of Agriculture Government of India	mg/ kg	10.45

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Report Number

: EEL/ABD/SO-59/07/2020-21

S.No	Parameters	Method	Units	Results
8	Calcium as Ca	Lab SOP No: SEPL/SOP/SOIL/LAB-248, Issue no:01, Issue Date:01-08-2013; Based on Method Manual Soil Testing in India Department of Agriculture & Cooperation Ministry of Agriculture Government of India	mg/ kg	450.0
9	Magnesium as Mg	Lab SOP No: SEPL/SOP/SOIL/LAB-248, Issue no:01, Issue Date:01-08-2013; Based on Method Manual Soil Testing in India Department of Agriculture & Cooperation Ministry of Agriculture Government of India	mg/ kg	186.55
10	Copper as Cu	USEPA : 3050B, & Copper by Flame AAS, SEPL/SOP/SOIL/LAB-279, Issue no:01, Issue Date:01-08-2013.	mg/ kg	16.18
11	Zinc as Zn	USEPA: 3050B, & Zinc by Flame AAS, SEPL/SOP/SOIL/LAB-284, Issue no:01, Issue Date:01-08-2013	mg/ kg	36.5
12	Manganese as Mn	USEPA: 3050B, & Manganese by Flame AAS, SEPL/SOP/SOIL/LAB-283, Issue no:01, Issue Date:01-08-2013.	mg/ kg	< 5.0
13	Nickel as Ni	USEPA: 3050B, & Zinc by Flame AAS, SEPL/SOP/SOIL/LAB-285, Issue no:01, Issue Date:01-08-2013	mg/ kg	< 2.0
14	Cadmium as Cd	USEPA: 3050B, & Cadmium by Flame AAS, SEPL/SOP/SOIL/LAB-281, Issue no:01, Issue Date:01-08-2013.	mg/ kg	< 0.5
15	Chromium as Cr	USEPA: 3050B & Chromium by Flame AAS , SEPL/SOP/SOIL/LAB-280, Issue no:01, Issue Date:01-08-2013	mg/ kg	16.5
16	Sulphates as So ₄	IS : 2720 (Part – 27):2010	mg/ kg	30.5
17	Total Organic Carbon	IS : 2720 (Part – 22):2010	%	0.80

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S.No	Parameters	Method	Units	Results
18	Iron as Fe	USEPA: 3050B, & Iron by UV-Vis spectrophotometer, SEPL/SOP/SOIL/LAB-278, Issue no:01, Issue Date:01-08-2013.	mg/ kg	< 08.0
19	Lead as Pb	USEPA: 3050B, & Lead by Flame AAS SEPL/SOP/SOIL/LAB-282, Issue no: 01, Issue Date:01-08-2013.	mg/ Kg	15.2

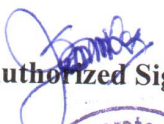
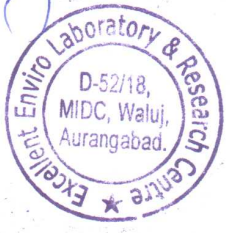
Opinion and interpretation: Nil
NA: Not Applicable

Note: The above Mentioned * Parameters not under NABL Scope

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Name of the Customer
M/s. Daund Sugar Pvt. Ltd,
Alegaon, Tal-Daund, Dist-Pune,
Maharashtra.

Test Report No : EEL/ABD/S-63/07/2020-21
Sample particulars : DG Set 2(1010 KVA) – STACK MONITORING
Collected by / date : Savant /22.02.2020.
Sample Registration Date : 22.02.2020
Analysis Commenced on : 22.02.2020
Analysis Completed on : 24.02.2020

S.No	Parameter	Method	Unit	Results	CPCB Norms
1	Stack Diameter	--	meter	3.5	--
2	Flue Gas Temperature	IS 11255 (P-1)	°C	240.0	--
3	Exit Velocity of Flue gases	IS 11255 (P-1)	m/sec	15.2	--
4	Flow Rate	IS 11255 (P-3)	Nm ³ /hr	361549.0	--
5	Stack height	--	meter	71.2	--
6	Particulate Matter	IS 11255 (P-1)	mg/Nm ³	57.1	75
7	Sulphur Dioxide	IS 11255 (P-2)	mg/Nm ³	115.2	--
8	Oxides of Nitrogen	IS 11255 (P-7)	mg/Nm ³	132.6	710
9	Carbon monoxide (CO)	Instrument Manual Method	mg/Nm ³	39.2	150
10	Non methane Hydrocarbons	CPCB Guidelines	mg/Nm ³	38.1	100

Instrument Details:

1	Instrument	Stack Monitoring Kit
2	Make	Lata Envirotech
3	Model/S.No	APM-160/41-DTF-2013
4	Calibrated On	22.02.2020
5	Calibration Due Date	21.02.2020

– End of the Report –

Checked by

Authorized Signatory

AN "ENVIRONMENTAL LABORATORY"

Recognised by MOEF & CC, New Delhi, Gazette Notification S.O. 388 (E) Dated 09 February 2017 to 08 February 2020

REGISTERED OFFICE :

MUMBAI OFFICE
D-52/18, MIDC Waluj,
Aurangabad - 431 136.
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07745069991
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Building No.1, Flat No. B-3,
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Thana Naka, Panvel - 410 206
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PUNE OFFICE

Gut No. 1252, Tuljai Nagar
Behind Gharkul Building
No. C-11, Spine Road
Newale Wasti Chikhali
Pune - 411062
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1 of 1

Date: 24.02.2020

Name of the Customer:

M/s. Daund Sugar Pvt. Ltd,
Alegaon, Tal-Daund, Dist-Pune,
Maharashtra.

Test Report No

: EEL/ABD/S-61/07/2020-21

Sample particulars

: Incinerator (40.0 TPH) – STACK MONITORING

Sample Registration Date : 20.02.2020

Analysis Commenced on : 20.02.2020

Analysis Completed on : 24.02.2020

S.No	Parameter	Method	Unit	Results	CPCB Limits
1	Stack Diameter	--	Meter	3.5	--
2	Flue Gas Temperature	IS 11255 (P-1)	°C	160.0	--
3	Exit Velocity of Flue gases	IS 11255 (P-1)	m/sec	12.8	--
4	Flow Rate	IS 11255 (P-3)	Nm ³ /hr	19399.5	--
5	Stack height	--	Meter	82	--
6	Particulate Matter	IS 11255 (P-1)	mg/Nm ³	35.2	50.0
7	Hydrogen fluoride (HF)	Method No: 207, Method of Air Sampling and Analysis by JAMES.P LODGE, JR	mg/Nm ³	1.89	4.0
8	Hydrogen chloride (HCL)	As per USEPA Method	mg/Nm ³	12.5	50.0
9	Carbon Monoxide (Co)	Infrared gas filter correlation	mg/Nm ³	40.5	100.0
10	Sulphur Dioxide as SO ₂	IS 11255 (P-2)	mg/Nm ³	127.2	200.0
11	Oxides of Nitrogen as NO _x	IS 11255 (P-7)	mg/Nm ³	128.6	400.0

Instrument Details:

1	Instrument	Stack Monitoring Kit
2	Make	Lata Envirotech
3	Model/S.No	APM-160/41-DTF-2013
4	Calibrated On	20.02.2020
5	Calibration Due Date	19.02.2021

-End of the Report-

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Website : www.eelab.in/ eelab@excellentenviro.com 09767838931/08668441453



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1 of 1

Date: 24.02.2020

Name of the Customer:

M/s. Daund Sugar Pvt. Ltd,
Alegaon, Tal-Daund, Dist-Pune,

Maharashtra.

Test Report No : EEL/ABD/S-60/07/2020-21

Sample particulars : Sugar Co gen (115 TPH) - STACK MONITORING

Sample Registration Date : 20.02.2020

Analysis Commenced on : 20.02.2020

Analysis Completed on : 24.02.2020

S.No	Parameter	Method	Unit	Results	CPCB Limits
1	Stack Diameter	--	Meter	3.5	--
2	Flue Gas Temperature	IS 11255 (P-1)	°C	160.0	--
3	Exit Velocity of Flue gases	IS 11255 (P-1)	m/sec	12.8	--
4	Flow Rate	IS 11255 (P-3)	Nm ³ /hr	19250.5	--
5	Stack height	--	Meter	70	--
6	Particulate Matter	IS 11255 (P-1)	mg/Nm ³	32.3	50.0
7	Hydrogen fluoride (HF)	Method No: 207, Method of Air Sampling and Analysis by JAMES.P LODGE, JR	mg/Nm ³	1.22	4.0
8	Hydrogen chloride (HCL)	As per USEPA Method	mg/Nm ³	11.3	50.0
9	Carbon Monoxide (Co)	Infrared gas filter correlation	mg/Nm ³	39.8	100.0
10	Sulphur Dioxide as SO ₂	IS 11255 (P-2)	mg/Nm ³	102.5	200.0
11	Oxides of Nitrogen as NO _x	IS 11255 (P-7)	mg/Nm ³	110.6	400.0

Instrument Details:

1	Instrument	Stack Monitoring Kit
2	Make	Lata Envirotech
3	Model/S.No	APM-160/41-DTF-2013
4	Calibrated On	20.02.2020
5	Calibration Due Date	19.02.2021

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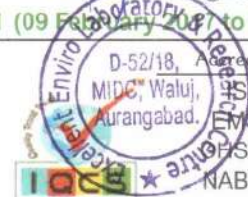
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