TES	T CERTIFICATE	
100 1000 21 102 11056	Date of Report	09/03/2021
Report No: GESEC/PRO/2020-21/03/1066	Date of Sampling	01/03/2021 to 02/03/2021
Client Name and Address: M/s Om Sairam Steels and Alloys Pvt. Ltd.	Start Date of Analysis	03/03/2021
	End Date of Analysis	09/03/2021
Plot No. F 1,2,3,8,9,10,Addl. MIDC,	Sample Details	Ambient Air
Phase II, Adjacent Gut No. 46 & 63,	Sample Location	Near Store
Village Daregaon,	Time of Sampling	10:25Hrs to 10:25Hrs
Tahsil and District Jalna, Maharashtra. Sample Collected By	Envirotech Research Pv	rt. Ltd.

	Am	bient Air Analysi	s report	
Sr.	Parameter	Result	Unit(s)	NAAQ Standards
No. 1.	Ambient Temperature	29	°C	
2.	Dry Bulb Temperature	29	°C	
3.	Wet Bulb Temperature	25	°C	
4.	Relative Humidity	55	% RH	
5.	Sampling Duration	1440	Min	
6.	Sulphur Dioxide(SO ₂)	11.69	μg/M³	≤ 80
7.	Oxides of Nitrogen(NO ₂)	18.7	μg/M³	≤ 80
	Particulate Matter PM ₁₀	55.9	μg/M³	≤ 100
8.	Particulate Matter PM _{2.5}	22.3	μg/M³	≤ 60
9.	Carbon Monoxide (CO)	0.1	mg/M ³	≤ 04
10.		BDL	μg/M³	≤ 180
11.	Ozone(O ₃)	BDL	μg/M³	≤ 1.0
12.		BDL	μg/M³	≤ 400
13.	7	BDL	μg/M³	≤ 05
14.		BDL	ng/M³	≤ 01
15.		BDL	ng/M³	≤ 06
16.		BDL	ng/M³	≤ 20
17.	Nickel(Ni)	BUL		

Remark-

All above results are within National Ambient Air Quality standards.

ANALYZED BY-

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Terms and conditions

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Samples will be retained for a period of seven (7) days after completion of analysis. Longer retention periods can be arranged, on request of the customer.

Consultant Pvt Ltd. CIN No.: U74900PN2013PTC149666

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TES	ST CERTIFICATE	, W.
05055 (DDO /2020 21/02/1067	Date of Report	09/03/2021
Report No: GESEC/PRO/2020-21/03/1067	Date of Sampling	01/03/2021 to 02/03/2021
Client Name and Address:	Start Date of Analysis	03/03/2021
M/s Om Sairam Steels and Alloys Pvt. Ltd.	End Date of Analysis	09/03/2021
Plot No. F 1,2,3,8,9,10,Addl. MIDC,	Sample Details	Ambient Air
Phase II, Adjacent Gut No. 46 & 63,	Sample Location	Near Finished Goods
Village Daregaon,		(TMT Bars Storage Area)
Tahsil and District Jalna, Maharashtra.	Time of Sampling	10:25Hrs to 10:25 Hrs
Sample Collected By	Envirotech Research Pv	rt. Ltd.

	Am	bient Air Analysi	s Report	
Sr.	Parameter	Result	Unit(s)	NAAQ Standards
No. 1.	Ambient Temperature	29	°C	
2.	Dry Bulb Temperature	29	°C	
3.	Wet Bulb Temperature	25	°C	
4.	Relative Humidity	55	% RH	
5.	Sampling Duration	1440	Min	
6.	Sulphur Dioxide(SO ₂)	13.4	μg/M³	≤ 80
7.	Oxides of Nitrogen(NO ₂)	17.2	μg/M³	≤ 80
8.	Particulate Matter PM ₁₀	44.7	μg/M³	≤ 100
9.	Particulate Matter PM _{2.5}	14.8	μg/M³	≤ 60
10.	Carbon Monoxide (CO)	0.2	mg/M³	≤ 04
11.		BDL	μg/M³	≤ 180
тт.	Ozone(O3)		/n #3	< 1.0

BDL

BDL

BDL

BDL

BDL

BDL

 $\mu g/M^3$

 $\mu g/M^3$

 $\mu g/M^3$

ng/M³

ng/M³

ng/M³

Remark-

12.

13.

14.

15.

16.

17.

All above results are within National Ambient Air Quality standards.

ANALYZED BY-

Lead (Pb)

Ammonia(NH₃)

Benzene(C₆H₆)

Arsenic(As)

Nickel(Ni)

Benzo(a)Pyrene(BaP)

S GREET VIROS To hears & Consultation **AUTHORIZED SIGNATORY**

≤ 1.0

≤ 400

≤ 05

≤ 01

≤ 06

≤ 20

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Consultant Pvt Ltd. CIN No.: U74900PN2013PTC149666

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TES	T CERTIFICATE	
	Date of Report	09/03/2021
Report No: GESEC/PRO/2020-21/03/1068	Date of Sampling	01/03/2021 to 02/03/2021
Client Name and Address: M/s Om Sairam Steels and Alloys Pvt. Ltd.	Start Date of Analysis	03/03/2021
	End Date of Analysis	09/03/2021
Plot No. F 1,2,3,8,9,10,Addl. MIDC,		Ambient Air
Phase II, Adjacent Gut No. 46 & 63,	Sample Details	Near Cooling Tower
Village Daregaon,	Sample Location	10:25Hrs to 10:25 Hrs
Tahsil and District Jalna, Maharashtra.	Time of Sampling	
	Envirotech Research Pv	t. Ltd.
Sample Collected By	t Air Analysis Report	

Ambient Air Analysis Report

	a characteristics	bient Air Analysis		NAAQ Standards
Sr.	Parameter	Result	Unit(s)	MANQ Julian
l. Ar	nbient Temperature	29	°C	
	ry Bulb Temperature	29	°C	
	et Bulb Temperature	25	°C	
	elative Humidity	55	% RH	
	ampling Duration	1440	Min	
	ulphur Dioxide(SO ₂)	13.7	μg/M³	≤ 80
	oxides of Nitrogen(NO ₂)	17.9	μg/M³	≤ 80
	articulate Matter PM ₁₀	47.3	μg/M³	≤ 100
	Particulate Matter PM _{2.5}	12.8	μg/M³	≤ 60
	Carbon Monoxide (CO)	0.3	mg/M ³	≤ 04
		BDL	μg/M³	≤ 180
	Ozone(O ₃)	BDL	μg/M³	≤ 1.0
	Lead (Pb)	BDL	μg/M³	≤ 400
	Ammonia(NH ₃)	BDL	μg/M³	≤ 05
	Benzene(C ₆ H ₆)	BDL	ng/M³	≤ 01
_	Benzo(a)Pyrene(BaP)	BDL	ng/M³	≤ 06
	Arsenic(As)	BDL	ng/M³	≤ 20
17.	Nickel(Ni)			

Remark-

All above results are within National Ambient Air Quality standards.

ANALYZED BY-

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AUTHORIZED SIGNATORY

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TES	T CERTIFICATE	
Report No: GESEC/PRO/2020-21/03/1069	Date of Report	09/03/2021
	Date of Sampling	01/03/2021 to 02/03/2021
Client Name and Address:	Start Date of Analysis	03/03/2021
M/s Om Sairam Steels and Alloys Pvt. Ltd.	End Date of Analysis	09/03/2021
Plot No. F 1,2,3,8,9,10,Addl. MIDC,	Sample Details	Ambient Air
Phase II, Adjacent Gut No. 46 & 63,	Sample Location	Near Substation
Village Daregaon, Tahsil and District Jalna, Maharashtra.	Time of Sampling	10:25Hrs to 10:25 Hrs
Sample Collected By	Envirotech Research P	vt. Ltd.
Ambient	Air Analysis Report	
		and a second and a

ir.	Parameter	Result	Unit(s)	NAAQ Standards
1.	Ambient Temperature	29	°C	
2.	Dry Bulb Temperature	29	°C	
3.	Wet Bulb Temperature	25	°C	
4.	Relative Humidity	55	% RH	
5.	Sampling Duration	1440	Min	
6.	Sulphur Dioxide(SO ₂)	13.4	$\mu g/M^3$.≤ 80
7.	Oxides of Nitrogen(NO ₂)	17.9	μg/M³	≤ 80
8.	Particulate Matter PM ₁₀	45.7	$\mu g/M^3$	≤ 100
9.	Particulate Matter PM _{2.5}	13.5	$\mu g/M^3$	≤ 60
10.	Carbon Monoxide (CO)	0.2	mg/M ³	≤ 04
11.	Ozone(O ₃)	BDL	μg/M³	≤ 180
12.		BDL	μg/M³	≤ 1.0
13.		BDL	μg/M³	≤ 400
14.		BDL	μg/M³	≤ 05
15.	(= =)	BDL	ng/M³	≤ 01
16.		BDL	ng/M³	≤ 06
17.		BDL	ng/M³	≤ 20

Remark-

All above results are within National Ambient Air Quality standards.

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Consumant

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	GESEC		
TES	T CERTIFICATE		
	Date of Report	09/03/2021	
Report No: GESEC/PRO/2020-21/03/1070	Date of Sampling	02/03/2021	
Client Name and Address: M/s Om Sairam Steels and Alloys Pvt. Ltd.	Start Date of Analysis	03/03/2021	
	End Date of Analysis	09/03/2021	
Plot No. F 1,2,3,8,9,10,Addl. MIDC,	Sample Location	Induction Furnace (40& 30MT)	
Phase II, Adjacent Gut No. 46 & 63,	Sample Details	Stack	
Village Daregaon,		12:15 Hrs To 13:00Hrs	
Tahsil and District Jalna, Maharashtra.	Time of Samping		
Sample Collected By	Envirotech Research P	vt. Ltd.	

	e Collected by	rce Emission Analys	is Report	
ir.	Parameter	Result	Unit(s)	Limits As Per MPCB Consent
lo.	na-to-ial of Stack	MS		
1.	Material of Stack	42	Mtr.	
2.	Stack Height from G.L.	Round		
3.	Type of Stack Sampling Duration	15.0	Min.	
4.	Type Of Fuel	Electric Power	ages and	
5.	Flue Gas Temperature	415	°K	
6. 7.	Differential Pressure	9.12	mmWG	
8.	Velocity	11.68	M/s	
9.	Dimensions of Stack	1.3	Mtr.	
10.	Stack Area	1.3266	M ²	
11.	Gas Volume	40065.767	NM³/Hr	
12.	Total Particulate Matter	12.7	mg/NM ³	≤ 150
13.	(0.0.1	3.9	mg/NM ³	N.S.
14.		5.2	mg/NM³	N.S.
15.		5.0	Kg/day	N.S.

Remark(s):

All above results are well within MPCB Limit.

N.S.: - Not Specified

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	GESEC	
TES	T CERTIFICATE	
	Date of Report	09/03/2021
Report No: GESEC/PRO/2020-21/03/1071	Date of Sampling	02/03/2021
Client Name and Address:		03/03/2021
M/s Om Sairam Steels and Alloys Pvt. Ltd.	Start Date of Analysis	09/03/2021
Plot No. F 1,2,3,8,9,10,Addl. MIDC,	End Date of Analysis	Induction Furnace (25 MT
PIOT NO. F 1,2,3,0,3,129, 120, 16 & 63	Sample Location	
Phase II, Adjacent Gut No. 46 & 63,	Sample Details	Stack
Village Daregaon,	Time of Sampling	15:30 Hrs To 16:10 Hrs
Tahsil and District Jalna, Maharashtra.	Envirotech Research Pvt. Lt	d.
Sample Collected By	nission Analysis Report	

Source Emission Analysis Report

Sr.	Parameter	Result	Unit(s)	Limits As Per MPCB Consent
No.	Material of Stack	MS		
1.	Stack Height from G.L.	42	Mtr.	
2.	Type of Stack	Round	See of	
3.	Sampling Duration	15.0	Min.	
4.	Type Of Fuel	Electric Power		
5.	Flue Gas Temperature	369	°K	
6.	Differential Pressure	5.18	mmWG	
7.	Velocity	8.30	M/s	
8.		1.3	Mtr.	
9.	Dimensions of Stack	1.3266	M ²	
10.	Stack Area	32022.245	NM³/Hr	
11.	Gas Volume	15.7	mg/NM ³	≤ 150
12.	Total Particulate Matter	3.6	mg/NM ³	N.S.
13.	Oxide of Nitrogen (NO _x)			N.S.
14.	Sulphur Dioxide (SO ₂)	4.2	mg/NM³	
15.	Sulphur Dioxide (SO ₂)	3.22	Kg/day	N.S.

Remark(s):

All above results are well within MPCB Limit.

N.S.: - Not Specified

ANALYZED BY-

Consultant

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	GESEL		
TES	T CERTIFICATE		
	Date of Report	09/03/2021	
Report No: GESEC/PRO/2020-21/03/1072	Date of Sampling	02/03/2021	
Client Name and Address: M/s Om Sairam Steels and Alloys Pvt. Ltd. Plot No. F 1,2,3,8,9,10,Addl. MIDC, Phase II, Adjacent Gut No. 46 & 63,	Sample Details	Ambient Noise	
Village Daregaon, Fahsil and District Jalna, Maharashtra.	Envirotech Research PVT	LTD.	
Sample Collected By	Envirotech Research PVI. LTD.		

Sample Collected By

		Ambient Noise Rep		tl-	
Sr. No.	Location	Result dB(A) Day	Result dB(A) Night	CPCB Standards dB(A)	
1.		65.2	56.3		
2.	Near Finished Goods (TMT Bars Storage Area)	58.7	52.2	75/70	
3.	Near Cooling Tower	64.3	59.0		
4.	Near Substation	62.1	55.7		

Remark-

All above Noise level results are within Central Pollution Control Board Standards limit.

> Day/Night -75/70 dB.

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		TF	ST C	ERTIFICATE			
	CESEC/DDO/2020 21/02/1			e of Report		09/03/2021	
Report No: GESEC/PRO/2020-21/03/1073			Date of Sampling			02/03/2021	
Client Name and Address:			- 200	rt Date of Analysi	s	03/03/2021	
M/s Om Sairam Steels and Alloys Pvt. Ltd.			End Date of Analysis			09/03/2021	
Plot N	o. F 1,2,3,8,9,10,Addl. MIDC,					Bore Well Gut No.79,	
	II, Adjacent Gut No. 46 & 63	,	San	Sample Details		Daregaon, Jalna	
	e Daregaon, and District Jalna, Maharash	tra.	Nat	ture of sample		Liquid	
	e Collected By		En	Envirotech Research PVT. LTD.			
Jampi	C COMPONENT A	WATER	RAN	ALYSIS REPO	RT		
Sr.	Parameter	Result		Limits as per Is 10500:2012	Unit(s)	Standard Method	
No.		P	hysic	cal Parameter			
1.	Color	Clear		5	Hazen	IS: 3025 (Part 4):1983	
-	Turbidity	<1.0		10	NTU	IS: 3025 (Part 10):1984	
2.	TDS	346		2000	ppm	IS: 3025 (Part 16):1984	
3.		531.0			μS/cm	IS: 3025 (Part 14):1984	
4.	EC		hem	ical Parameter			
-		7.5		6.5 to 8.5		IS:3025 Part-11(R.A:2012)	
5.	pH	172.3		600	mg/lit	IS:3025 Part-21(R.A:2012)	
6.	Total Hardness	157.4		600	mg/lit	IS:3025 Part-23(R.A:2012)	
7.	Total Alkalinity	67.0		400	mg/lit	IS:3025 Part-24(R.A:2012)	
8.	Sulphate	1.2		<45	mg/lit	IS:3025(part 34):1988	
9.	Nitrate			<1.5	mg/lit	IS: 3025 (Part 23)1983	
10.	Fluoride	Nil		<0.20	mg/lit	IS: 3025 (Part 26)1986	
11.	Residual Chlorine	<0.2		100	mg/lit	IS:3025 Part-32(R.A:2014)	
12.	Chloride	69.3 38.4		200	mg/lit	IS:3025 Part-40(R.A:2012)	
13.	Calcium (as Ca)	24.6		100	mg/lit	IS:3025 Part-46(R.A:2012)	
14.	Magnesium (as Mg)		robio	ological Paramete	r	1010022	
15	Tatal Californ	Absen		<50	MPN/100ml	IS 1622:1981	
15.	Total Coliform				per/100ml	IS 1622:1981	
16.	YZED BY-	N	ENV	ROS		AUTHORIZED SIGNATORY-	
ANAL	Siande	101	DIII	Absent Pos Pre Page 1		Jande	
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				tote		
		_ T/	EST (CERTIFICATE		00/02/2021
Report No: GESEC/PRO/2020-21/03/1074				te of Report		09/03/2021
Client Name and Address:			S	te of Sampling		02/03/2021
VI/s (Om Sairam Steels and Alloy	ys Pvt. Ltd.		art Date of Analysi		03/03/2021 09/03/2021
Plot N	No. F 1,2,3,8,9,10,Addl. MI	DC,	En	d Date of Analysis	·	09/03/2021 Bore Well Gut No.69,
Phase II, Adjacent Gut No. 46 & 63,			Sar	mple Details		Daregaon, Jalna
/Шад Гаhsi	e Daregaon, I and District Jalna, Mahar	rashtra.		ature of sample		Liquid
	le Collected By			nvirotech Researc		
+,17		WATE	ER A	NALYSIS REPO	RT	
Sr.	Parameter	Result	t	Limits as per Is 10500:2012	Unit(s)	Standard Method
NO.		- V	Physi	ical Parameter		
1.	Color	Clear	F	5	Hazen	IS: 3025 (Part 4):1983
2.	Turbidity	<1.0		10	NTU	IS: 3025 (Part 10):1984
3.	TDS	375		2000	ppm	IS: 3025 (Part 16):1984
4.	EC	571.0)		μS/cm	IS: 3025 (Part 14):1984
			Chem	nical Parameter		
5.	рН	7.1		6.5 to 8.5		IS:3025 Part-11(R.A:2012
6.	Total Hardness	174.3		600	mg/lit	IS:3025 Part-21(R.A:2012
7.	Total Alkalinity	184.1	1	600	mg/lit	IS:3025 Part-23(R.A:2012
8.	Sulphate	57.8	3	400	mg/lit	IS:3025 Part-24(R.A:2012
9.	Nitrate	1.6		<45	mg/lit	IS:3025(part 34):1988
10.	Fluoride	Nil		<1.5	mg/lit	IS: 3025 (Part 23)1983
11.	Residual Chlorine	<0.1	1	<0.20	mg/lit	IS: 3025 (Part 26)1986
12.	Chloride	61.2	2	1000	mg/lit	IS:3025 Part-32(R.A:2014
13.	Calcium (as Ca)	53.4	4	200	mg/lit	IS:3025 Part-40(R.A:2012
14.		26.0		100	mg/lit	IS:3025 Part-46(R.A:2012
		M	icrobi	iological Paramete		1004
15.	Total Coliform	Abser	nt	<50	MPN/100ml	IS 1622:1981
16.	E.coli.	Abse	-	Absent	per/100ml	IS 1622:1981 AUTHORIZED SIGNATOR
ANA	LYZED BY-	W. W.	ENV	IROS		AUTHORIZED SIGNAL

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		TE	CT C	ERTIFICATE		
						09/03/2021
Report No: GESEC/PRO/2020-21/03/1075			Date of Report Date of Sampling			02/03/2021
Client Name and Address: M/s Om Sairam Steels and Alloys Pvt. Ltd.			Start Date of Analysis End Date of Analysis Sample Details Nature of sample			03/03/2021 09/03/2021 Well Gut No.44 & 45, Daregaon, Jalna Liquid
Village Daregaon, Tahsil and District Jalna, Maharashtra.						
	le Collected By					
		WATE	RAN	ALYSIS REPO	RT	
Sr.	Parameter	Result		Limits as per Is 10500:2012	Unit(s)	Standard Method
NO.		1	Physica	al Parameter		
1.	Color	Clear		5	Hazen	IS: 3025 (Part 4):1983
2.	Turbidity	<1.0		10	NTU	IS: 3025 (Part 10):1984
3.	TDS	425.3		2000	ppm	IS: 3025 (Part 16):1984
4.	EC	621.0			μS/cm	IS: 3025 (Part 14):1984
٦.		(Chemic	cal Parameter		
5.	рН	7.3		6.5 to 8.5	SAR TON	IS:3025 Part-11(R.A:2012)
6.	Total Hardness	256.1		600	mg/lit	IS:3025 Part-21(R.A:2012)
7.	Total Alkalinity	247.5		600	mg/lit	IS:3025 Part-23(R.A:2012)
8.	Sulphate	59.0		400	mg/lit	IS:3025 Part-24(R.A:2012)
9.	Nitrate	1.2		<45	mg/lit	IS:3025(part 34):1988
10.	Fluoride	Nil		<1.5	mg/lit	IS: 3025 (Part 23)1983
11.	Residual Chlorine	<0.3		<0.20	mg/lit	IS: 3025 (Part 26)1986
12.	Chloride	79.2		1000	mg/lit	IS:3025 Part-32(R.A:2014
13.	Calcium (as Ca)	72.4		200	mg/lit	IS:3025 Part-40(R.A:2012
14.	Magnesium (as Mg)	26.0		100	mg/lit	IS:3025 Part-46(R.A:2012
		Mic	crobio	logical Paramete		
15.	Total Coliform	Abser	nt	<50	MPN/100ml	IS 1622:1981
16.	E.coli.	Abser	nt	Absent	per/100ml	IS 1622:1981
ANA	LYZED BY-	(4)	HEN	IIRO		AUTHORIZED SIGNATOR

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- The results shown in this test report may differ based on various factors including temperature, humidity, pressure, retention time etc.

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- 3.
- We strictly maintain the confidentiality of all test result of sample(s) collected by us/ supplied by customer and not revel to third party unless required by the statutory or legal 4. 5. requirement.

Consultant