



Royal

Environment Auditing & Consultancy Service

303-304, Shivalik-7, B/s. Bal Adalat, Gondal Road, RAJKOT - 360 002.

Ph.: +91 281 2360695 ■ E-mail : royaleenvironment@live.com ■ admin@royalconsultancy.com

Ref. No. : 9026/10/2021-22

Date : 26/10/2021

REPORT OF STACK EMISSION ANALYSIS

Name of company : Gallantt Metal Limited

Survey No. 175/1, Near toll gate,

Village : Samakhyali,

Taluka : Bhachau,

Kutch, Gujarat.

Sr. No.	Particulars	Unit	Stack - 1
01.	Date of sampling	---	20/10/2021
02.	Time of sampling	Hr	9.50
03.	Stack Attached to	---	AFBC Boiler of Power Plant
04.	Air Pollution Control Measures	---	ESP
05.	Stack Height	Meter	90
06.	Stack Diameter	Meter	3.8
07.	Ambient Temperature	Degree Centi.	30
08.	Stack Temperature	Degree Centi.	120
09.	Average Velocity of Flue Gases	M/Sec.	6.5
10.	Isokinetic flow rate for P.M. Sampling	LPM	19
11.	Gaseous Sampling Flow Rate	LPM	2.0
12.	Permissible Limit for P.M.	mg/Nm ³	50
13.	Measured Concentration of P.M.	mg/Nm ³	44.2
14.	Permissible Limit for SO ₂	mg/Nm ³	600
15.	Measured Concentration of SO ₂	mg/Nm ³	92.8
16.	Permissible Limit for NO _x	mg/Nm ³	300
17.	Measured Concentration of NO _x	mg/Nm ³	88.1

*Permissible limit are as per MoEF&CC Notification S.O.3305(E), dated 07/12/2015.

Instruments used : Ecotech Stack Sampler, Model No. ESS 100

Calibration Done On. : 13/10/2020



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Analyst



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Ref. No. : 9028/10/2021-22

Date : 26/10/2021

REPORT OF STACK EMISSION ANALYSIS

Name of company : **Gallantt Metal Limited**

Survey No. 175/1, Near toll gate,

Village : Samakhyali,

Taluka : Bhachau,

Kutch, Gujarat.

Test Method : As per IS Standards - 11255_1/2/3/7

Sr. No.	Particulars	Unit	Stack - 3	Stack - 4
1	Date of sampling	---	20/10/2021	20/10/2021
2	Time of sampling	Hr	10.00	10.45
3	Stack Attached to	---	Rotary Kiln - 1, 2	Rotary Kiln - 3
4	Air Pollution Control Measures	---	Recouperetur & ESP	Recouperetur & ESP
5	Stack Diameter	Meter	1.5	1.5
6	Stack Height	Meter	35	35
7	Stack Temperature	Degree Centi.	124.0	119
8	Ambient Temperature	Degree Centi.	31	30
9	Average Velocity of Flue Gases	M/Sec.	7.4	7.8
10	Isokinetic flow rate for P.M. Sampling	LPM	20	20
11	Gaseous Sampling Flow Rate	LPM	2.0	2.0
12	Permissible Limit for P.M.	mg/Nm ³	100	100
13	Measured Concentration of P.M.	mg/Nm ³	78.5	81.6
14	Permissible Limit for SO ₂	ppm	100	100
15	Measured Concentration of SO ₂	ppm	76.8	77.2
16	Permissible Limit for Nox	ppm	50	50
17	Measured Concentration of Nox	ppm	29.1	26.9
18.	Permissible Limit for CO*	% (V/V)	1.0%	1.0%
19.	Measured Concentration of CO*	% (V/V)	0.8	0.7

*Permissible limit are as per MoEF&CC Notification G.S.R.414(E), dated 30/05/2008.

Instruments used : Ecotech Stack Sampler, Model No. ESS 100

Calibration Done On. : 13/10/2020

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Ref. No. : 9029/10/2021-22

Date : 26/10/2021

REPORT OF STACK EMISSION ANALYSIS

Name of company : **Gallantt Metal Limited**

Survey No. 175/1, Near toll gate,

Village : Samakhali,

Taluka : Bhachau,

Kutch, Gujarat.

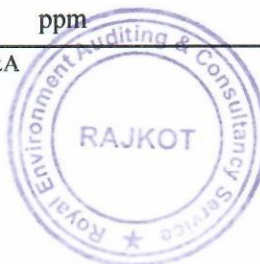
Test Method : As per IS Standards - 11255_1/2/3/7

Sr. No.	Particulars	Unit	Stack - 5	Stack - 6
1	Date of sampling	---	20/10/2021	20/10/2021
2	Time of sampling	Hr	10.50	11.10
3	Stack Attached to	---	Induction Furnace - 1 & 4	Induction Furnace - 2 & 3
4	Air Pollution Control Measures	---	Cyclone Separator & Wet Scrubber	Cyclone Separator & Wet Scrubber
5	Stack Diameter	Meter	1.5	1.5
6	Stack Height	Meter	48	30
7	Stack Temperature	Degree Centi.	126	120
8	Ambient Temperature	Degree Centi.	32	31
9	Average Velocity of Flue Gases	M/Sec.	6.8	7.2
10	Isokinetic flow rate for P.M. Sampling	LPM	20	19
11	Gaseous Sampling Flow Rate	LPM	2.0	2.0
12	Permissible Limit for P.M.	mg/Nm ³	50	50
13	Measured Concentration of P.M.	mg/Nm ³	32.8	34.5
14	Permissible Limit for SO ₂	ppm	100	100
15	Measured Concentration of SO ₂	ppm	51.4	52.9
16	Permissible Limit for NO _x	ppm	50	50
17	Measured Concentration of NO _x	ppm	26.6	28.4

*Permissible limit not specified in EC copy as well as in GPCB CC&A

Instruments used : Ecotech Stack Sampler, Model No. ESS 100

Calibration Done On. : 13/10/2020



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Ref. No. : 827/10/2021-22

Date : 26/10/2021

REPORT OF STACK EMISSION ANALYSIS

Name of company : Gallantt Metal Limited

Survey No. 175/1,

Near toll gate,

Village : Samakhali,

Taluka : Bhachau,

Kutch, Gujarat.

Sr. No.	Particulars	Unit	Stack - 2
01.	Date of sampling	---	20/10/2021
02.	Time of sampling	Hr	11:40
03.	Stack Attached to	---	Coal Crusher House
04.	Air Pollution Control Measures	---	Bag House
05.	Stack Height	Meter	29
06.	Stack Diameter	Meter	1.5
07.	Ambient Temperature	Degree Centi.	32
08.	Stack Temperature	Degree Centi.	121
09.	Average Velocity of Flue Gases	M/Sec.	7.2
10.	Isokinetic flow rate for P.M. Sampling	LPM	19
11.	Gaseous Sampling Flow Rate	LPM	2.0
12.	Permissible Limit for P.M.	mg/Nm ³	150
13.	Measured Concentration of P.M.	mg/Nm ³	85
14.	Permissible Limit for CO*	---	---
15.	Measured Concentration of CO*	ppm	---

*Permissible limit not specified in EC copy as well as in GPCB CC&A

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Ref. No. : 3026/10/2021-22

Date : 26/10/2021

REPORT OF FUGITIVE EMISSION MONITORING

Name of company : **Gallantt Metal Limited**

Survey No. 175/1,
Near toll gate,
Village : Samakhyali,
Taluka : Bhachau,
Kutch, Gujarat.

Sampling Site: Near raw material handling area

Sr. No.	Particulars	Unit	Location # 1	Location # 2	Location # 3	Location # 4
01.	Location of Sampling	---	Nr. Vagon Trippler	Nr. Sreen Area	Nr. Transfer Point	Nr. Stock Bin area
02.	Date of sampling	---	20/10/2021	20/10/2021	20/10/2021	20/10/2021
03.	Time of sampling	Hr	9.00	9.50	10.10	9.30
04.	Dominant Wind Direction (From)	---	SE to NW	SE to NW	SE to NW	SE to NW
05.	Average Wind Speed	Km/Hr	2 to 15	2 to 15	2 to 15	2 to 15
06.	Average flow rate during sampling	m ³ /minute	1.20	1.20	1.10	1.10
07.	Permissible limit for SPM	µg/m ³	2000	2000	2000	2000
08.	Measured Concentration of SPM	µg/m ³	1735	1520	1692	1734

Instruments Used : Envirotech HVS APM 430 & Ecotech RDS - AAS 217

Calibration done on : 17/06/2020

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Ref. No. : 3027/10/2021-22

Date : 26/10/2021

REPORT OF FUGITIVE EMISSION MONITORING

Name of company : **Gallantt Metal Limited**

Survey No. 175/1,
Near toll gate,
Village : Samakhali,
Taluka : Bhachau,
Kutch, Gujarat.

Sampling Site: Crusser area

Sr.No.	Particulars	Unit	Location # 5	Location # 6	Location # 7
01.	Location of Sampling	---	Nr. Crusser area	Nr. Vibrating screen	Nr. Transfer point
02.	Date of sampling	---	20/10/2021	20/10/2021	20/10/2021
03.	Time of sampling	Hr	10.15	12.00	10.40
04.	Dominant Wind Direction (From)	---	SE	SE	SE
05.	Average Wind Speed	Km/Hr	4 to 14	4 to 14	4 to 14
06.	Average flow rate during sampling	m ³ /minute	1.10	1.20	1.20
07.	Permissible limit for SPM	µg/m ³	2000	2000	2000
08.	Measured Concentration of SPM	µg/m ³	1738	1681	1549

Instruments Used : Envirotech HVS APM 430 & Ecotech RDS - AAS 217

Calibration done on : 17/06/2020



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Ref. No. : 3028/10/2021-22

Date : 26/10/2021

REPORT OF FUGITIVE EMISSION MONITORING

Name of company : **Gallantt Metal Limited**

Survey No. 175/1,
Near toll gate,
Village : Samakhali,
Taluka : Bhachau,
Kutch, Gujarat.

Sampling Site: Raw material feeder area

Sr. No.	Particulars	Unit	Location # 8	Location # 9	Location # 10
01.	Location of Sampling	---	Nr. Feeder area	Nr. mixing Feeder area	Nr. Transfer point
02.	Date of sampling	---	20/10/2021	20/10/2021	20/10/2021
03.	Time of sampling	Hr	13.10	12.45	12.20
04.	Dominant Wind Direction (From)	---	SE to NW	SE to NW	SE to NW
05.	Average Wind Speed	Km/Hr	2 to 10	2 to 10	2 to 10
06.	Average flow rate during sampling	m ³ /minute	1.20	1.10	1.10
07.	Permissible limit for SPM	µg/m ³	2000	2000	2000
08.	Measured Concentration of SPM	µg/m ³	1506	1742	1690

Instruments Used : Envirotech HVS APM 430 & Ecotech RDS - AAS 217

Calibration done on : 17/06/2020



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Ref. No. : 3029/10/2021-22

Date : 26/10/2021

REPORT OF FUGITIVE EMISSION MONITORING

Name of company : **Gallantt Metal Limited**

Survey No. 175/1,
Near toll gate,
Village : Samakhali,
Taluka : Bhachau,
Kutch, Gujarat.

Sampling Site: Cooler Discharge Area

Sr. No.	Particulars	Unit	Location # 11	Location # 12
01.	Location of Sampling	---	Nr. Wagon tippler	Nr. Screen area
02.	Date of sampling	---	21/10/2021	21/10/2021
03.	Time of sampling	Hr	9.35	10.20
04.	Dominant Wind Direction (From)	---	SE to NW	SE to NW
05.	Average Wind Speed	Km/Hr	1 to 14	1 to 14
06.	Average flow rate during sampling	m ³ /minute	1.20	1.20
07.	Permissible limit for SPM	µg/m ³	2000	2000
08.	Measured Concentration of SPM	µg/m ³	1656	1678

Instruments Used : Envirotech HVS APM 430 & Ecotech RDS - AAS 217

Calibration done on : 17/06/2020

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Ref. No. : 3030/10/2021-22

Date : 26/10/2021

REPORT OF FUGITIVE EMISSION MONITORING

Name of company : **Gallantt Metal Limited**

Survey No. 175/1,

Near toll gate,

Village : Samakhyali,

Taluka : Bhachau,

Kutch, Gujarat.

Sampling Site: Product Processing area

Sr. No.	Particulars	Unit	Location # 13	Location # 14	Location # 15	Location # 16
01.	Location of Sampling	---	Nr. Intermediate stock bin area	Nr. Screening plant	Nr. Magnetic saprating plant	Nr. Transfer plant
02.	Date of sampling	---	21/10/2021	21/10/2021	21/10/2021	21/10/2021
03.	Time of sampling	Hr	11.20	10.30	9.40	10.15
04.	Dominant Wind Direction (From)	---	SE to NW	SE to NW	SE to NW	SE to NW
05.	Average Wind Speed	Km/Hr	5 to 16	5 to 16	5 to 16	5 to 16
06.	Average flow rate during sampling	m ³ /minute	1.10	1.10	1.10	1.10
07.	Permissible limit for SPM	µg/m ³	2000	2000	2000	2000
08.	Measured Concentration of SPM	µg/m ³	1589	1755	1614	1472

Instruments Used : Envirotech HVS APM 430 & Ecotech RDS - AAS 217

Calibration done on : 17/06/2020

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Ref. No. : 3031/10/2021-22

Date : 26/10/2021

REPORT OF FUGITIVE EMISSION MONITORING

Name of company : **Gallantt Metal Limited**

Survey No. 175/1,

Near toll gate,

Village : Samakhali,

Taluka : Bhachau,

Kutch, Gujarat.

Sampling Site: Product Processing area

Sr. No.	Particulars	Unit	Location # 17	Location # 18	Location # 19
01.	Location of Sampling	---	Nr. Oversize discharge area	Nr. Product separation	Bagging area
02.	Date of sampling	---	21/10/2021	21/10/2021	21/10/2021
03.	Time of sampling	Hr	15.00	15.20	16.00
04.	Dominant Wind Direction (From)	---	SE to NW	SE to NW	SE to NW
05.	Average Wind Speed	Km/Hr	5 to 16	5 to 16	5 to 16
06.	Average flow rate during sampling	m ³ /minute	1.20	1.20	1.20
07.	Permissible limit for SPM	µg/m ³	2000	2000	2000
08.	Measured Concentration of SPM	µg/m ³	1506	1491	1685

Instruments Used : Envirotech HVS APM 430 & Ecotech RDS - AAS 217

Calibration done on : 17/06/2020

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Ref. No. : 3032/10/2021-22

Date : 26/10/2021

REPORT OF AMBIENT AIR QUALITY MONITORING

Name of company : **Gallantt Metal Limited**

Survey No. 175/1, Near toll gate,

Village : Samakhali,

Taluka : Bhachau,

Kutch, Gujarat.

Sr. No.	Particulars	Unit	Location No. 1	Location No. 2
01.	Location of Sampling	---	Officer Colony	Main Security Gate
02.	Date of sampling	---	20/10/2021	20/10/2021
03.	Time of sampling	Hr	9.50	10.20
04.	Duration of Sampling	Min.	1440	1440
05.	Average Wind Speed	Km/Hr	1 to 16	1 to 16
06.	Average flow rate during sampling	m ³ /Hr	1.2	1.2
07.	Average flow rate for Gas sampling	LPM	0.2	0.2
08.	Permissible Limits of PM 2.5	µg/m ³	60	60
09.	Measured Concentration of PM 2.5	µg/m ³	36	35
10.	Permissible Limits of PM 10	µg/m ³	100	100
11.	Measured Concentration of PM 10	µg/m ³	56	59
14.	Permissible Limits of SO ₂	µg/m ³	80	80
15.	Measured Concentration of SO ₂	µg/m ³	13.5	12.8
16.	Permissible Limits of NO ₂	µg/m ³	80	80
17.	Measured Concentration of NO ₂	µg/m ³	15.6	18.9

Instrument used : 1) Ecotech make (RDS), Model No. APM - 217 BL, Gaseous Sampling Kit No. AAS 190, 2) Ecotech make 2 Nos. PM 2.5

Calibration done on : 15/06/2020



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Ref. No. : 3033/10/2021-22

Date : 26/10/2021

REPORT OF AMBIENT AIR QUALITY MONITORING

Name of company : **Gallantt Metal Limited**

Survey No. 175/1, Near toll gate,

Village : Samakhali,

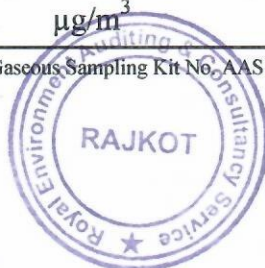
Taluka : Bhachau,

Kutch, Gujarat.

Sr. No.	Particulars	Unit	Location No. 3	Location No. 4
01.	Location of Sampling	---	B/h. Kiln 1 & 2	Nr. Furnace Area
02.	Date of sampling	---	21/10/2021	21/10/2021
03.	Time of sampling	Hr	10.15	9.25
04.	Duration of Sampling	Min.	1440	1440
05.	Average Wind Speed	Km/Hr	4 to 16	4 to 16
06.	Average flow rate during sampling	m ³ /Hr	1.1	1.2
07.	Average flow rate for Gas sampling	LPM	0.2	0.2
08.	Permissible Limits of PM 2.5	µg/m ³	60	60
09.	Measured Concentration of PM 2.5	µg/m ³	36	32
10.	Permissible Limits of PM 10	µg/m ³	100	100
11.	Measured Concentration of PM 10	µg/m ³	56	51
14.	Permissible Limits of SO ₂	µg/m ³	80	80
15.	Measured Concentration of SO ₂	µg/m ³	16.4	15.2
16.	Permissible Limits of NO ₂	µg/m ³	80	80
17.	Measured Concentration of NO ₂	µg/m ³	15.2	15.6

Instrument used : 1) Ecotech make (RDS), Model No. APM - 217 BL, Gaseous Sampling Kit No. AAS 190, 2) Ecotech make 2 Nos. PM 2.5

Calibration done on : 15/06/2020



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Ref. No. : 3034/10/2021-22

Date : 26/10/2021

AMBIENT NOISE LEVEL MEASUREMENT

Name of company : **Gallantt Metal Limited**

Survey No. 175/1,
Near toll gate,
Village : Samakhali,
Taluka : Bhachau,
Kutch, Gujarat.

Sr. No.	Location of Sampling	Noise Level Avg. in dB (A)	
Date of sampling		20/10/2021	20/10/2021
Time of sampling		Day Time 6.00 AM - 10.00 PM	Night Time 10.00 PM - 6.00 AM
	Permissible Limits	75.0	70.0
01.	Near Main Gate	66.3	61.5
02.	Rolling Mill Area	64.8	59.8
03.	Induction Furnace	72.1	62.2
04.	Reheating Furnace	68.6	64.1
05.	Rotary Kiln	71.4	60.8
06.	Power Plant	72.5	59.6

Instruments used : Sound level meter, Model : IL - 006868 (SIGMA)

Calibration Done on : 30/09/2021

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Ref. No. : 3036/10/2021-22

Date : 26/10/2021

REPORT OF DRINKING WATER SAMPLE

Name of company : **Gallantt Metal Limited**

Survey No. 175/1,

Near toll gate,

Village : Samakhyali,

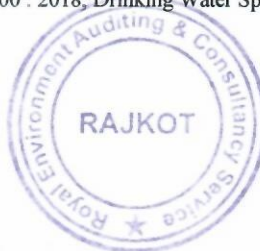
Taluka : Bhachau,

Kutch, Gujarat.

Date of sampling : 21/10/2021

Sr. No.	Parameters	Unit	Permissible Limits(*)	Results
01.	pH	pH Units	6.5 to 8.5	7.48
02.	Colour	Pt. Co. Scale	100	Colourless
03.	Total Dissolved Solids	mg/l	2000	156
04.	Total Suspended Solids	mg/l	----	4
05.	Total Solids	mg/l	----	160
06.	Chlorides	mg/l	1000	36
07.	Sulphates	mg/l	400	5.8
08.	Total Hardness (As CaCO ₃)	mg/l	600	52
09.	Calcium (as Ca)	mg/l	200	8.2
10.	Magnesium (as Mg)	mg/l	100	7.7
11.	Total Alkalinity	mg/l	600	40
12.	Nitrates	mg/l	45	2.5
13.	Flouride	mg/l	1.5	0.06

(*) Permissible Limit in the Absense of Alternate Source as per IS 10500 : 2018, Drinking Water Specification



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Ref. No. : 3037/10/2021-22

Date : 26/10/2021

WASTE WATER SAMPLE ANALYSIS REPORT

Name of company : **Gallantt Metal Limited**

Survey No. 175/1,

Near toll gate,

Village : Samakhyali,

Taluka : Bhachau,

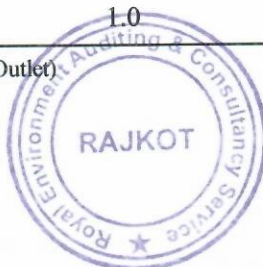
Kutch, Gujarat.

Date of sampling : 21/10/2021

Source of Sample: Waste Water Treatment Plant (ETP Plant)

Sr. No.	Parameters	Unit	GPCB Limits *	Waste Water (ETP Inlet)	Treated Water (ETP Outlet)
1	pH	pH Unit	6.5 to 8.5	7.26	7.72
2	Colour	Pt.co scale	100 Units	25	18
3	Temp.	°C	40	34	30
4	Suspended Solids	Mg/Lit	100	52	21
5	Total Dissolved Solids	Mg/Lit	---	815	406
6	Total Solids	Mg/Lit	---	867	427
7	Oil & Grease	Mg/Lit	10	3.6	0.44
8	Sulphides	Mg/Lit	2	3.2	0.12
9	Phosphate	Mg/Lit	5	4.3	0.8
10	BOD	Mg/Lit	30	66	18
11	COD	Mg/Lit	100	284	52
12	Total Chromium (as Cr)	Mg/Lit	0.2	0.66	N.D.
13	Hexavalent Cr	Mg/Lit	0.1	0.5	N.D.
14	Copper	Mg/Lit	1.0	0.42	0.35
15	Total Iron (as Fe)	Mg/Lit	1.0	3.1	0.42
16	Zinc (as Zn)	Mg/Lit	1.0	0.6	NIL

* GPCB Limits are only applicable to treated waste water (ETP Outlet)



Royal Environment Auditing & Consultancy Service

Ashish
Analyst



Royal

Environment Auditing & Consultancy Service

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TEST REPORT (WATER)

Test Report No : 3038/10/2021-22

Date : 26/10/2021

Work Order No : 00000000

Job Card No : Gallant/21-22/10

Name of company : Gallantt Metal Limited

Survey No. 175/1, Near toll gate,

Village : Samakhyali,

Taluka : Bhachau,

Kutchh.

Attention : Mr. Manoj Rastogi

Date of Sample Receipt : 22/10/2021

Date & Time of Sampling : 21/10/2021 , 10.50

Lab ID : W/21-22/10/13

Date of Testing : 22nd to 26th OCTOBER 2021

Sample Type : Water

Description of Sample Packing : Plastic Bottle

Type of Sampling : Grab

Quantity of Sample : 1.0 Ltr.

Description : Ground Water

Sample Collected by : Royal Environment

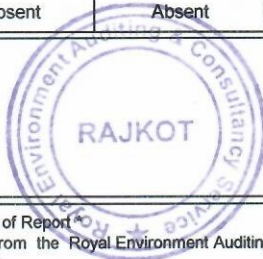
Sampling Method : IS 3025 : Part 1

Location of Sample : Ground Water - Nr. Solid Waste Storage Area

Sr. No.	Parameters	Unit	Acceptable Limits	Permissible Limits as per IS 10500:2018	Results	Test Method
01.	Color	Hazen Units	5	15	Colorless	IS 3025 : Part 44
02.	Odour	---	Agreeable	Agreeable	Odourless	IS 3025 : Part 5
03.	pH Value	---	6.5 - 8.5	No relaxation	7.21	IS 3025 : Part 11
04.	Turbidity	NTU	1	5	4	IS 3025 : Part 10
05.	Total Dissolved Solids	mg/l	500	2000	892	IS 3025 : Part 16
06.	Total Suspended Solids	mg/l	---	---	22	IS 3025 : Part 17
07.	Total hardness (as CaCO ₃)	mg/l	200	600	420	IS 3025 : Part 21
08.	Calcium (as Ca)	mg/l	75	200	98	IS 3025 : Part 40
09.	Magnesium (as Mg)	mg/l	30	100	42.6	IS 3025 : Part 46
10.	Chloride (as Cl)	mg/l	250	1000	218	IS 3025 : Part 32
11.	Sulphate (as SO ₄)	mg/l	200	400	326	IS 3025 : Part 24
12.	Total alkalinity as (as CaCO ₃)	mg/l	200	600	220	IS 3025 : Part 23
13.	Nitrate (as NO ₃)	mg/l	45	No relaxation	10	IS 3025 : Part 34
14.	Fluoride (as F)	mg/l	1	1.5	0.06	IS 3025 : Part 60
15.	Iron (as Fe)	mg/l	0.3	No relaxation	0.7	IS 3025 : Part 53
16.	Mineral oil	mg/l	0.5	No relaxation	N.D.	IS 3025 : Part 39
17.	Phenolic compounds (as C ₆ H ₅ OH)	mg/l	0.001	0.002	N.D.	IS 3025 : Part 43
18.	Total arsenic (as As)	mg/l	0.01	0.05	Nil	IS 3025 : Part 37
19.	E. Coli	---	Absent	Absent	Absent	APHA
20.	Total Coliform Bacteria	---	Absent	Absent	Absent	APHA

**** This water can't be used as drinking water**

[Signature]
Authorized Signatory



Ashish
Analyst

* End of Report *

1. This test report shall not be reproduced except in full, without written approval from the Royal Environment Auditing & Consultancy Service
2. The results relate only to the item tested.

Doc. No. F/7.8/03, Issue No. 02, Issue Date : 01-10-18 , Ammd No. --- , Ammd Date : ---

Form No. 37
(Prescribed under Rule 12-B)

Register containing particulars of monitoring of working environment required under Section 7-A (a)(e).

1 Name of the Department/Plant.: **Gallantt Metal Limited**

2 Raw materials, by products and finished products involved in the process **RSPM**

3 Particulars of sampling

Date of sampling : 21/10/2021

Sr. No	Location Operation monitored	Identified Contaminate	Sampling Instrument used	Airborne Contamination			TWA concentration (As given in Second Schedule)	Refrance Method	Number of Workers exposed at the location being monitored	Remarks	Signature person taking samples	Name (in block letters)
				Number of sample	Range	Average	Mg/m ³					
1	Nr. Stone Area	RSPM	Personal Respirable Dust sampler VPDS 203	02	1.5-2.3	1.90	10	Gravimetric	5	---	<i>Ashish</i>	Mr. PATAT ASHISH
2	Nr. SMS	RSPM		02	1.2-2.3	1.75	10	Gravimetric	3	---		
3	Nr. Power Plant	RSPM		02	1.4-2.5	1.95	10	Gravimetric	6	---		
4	Nr. Kiln - 2 Side	RSPM		02	2.1-3.5	2.80	10	Gravimetric	4	---		
5	Nr. Kiln - 3 Side	RSPM		02	1.6-2.5	2.05	10	Gravimetric	3	---		
6	Nr. Crusher Area	RSPM		02	2.3-3.1	2.70	10	Gravimetric	4	---		
7	Rolling Mill Area	RSPM		02	1.5-3.3	2.40	10	Gravimetric	5	---		

Instrument Used : Vaibhav make Personal Sampler, Model No. VPDS 203
Calibration done on : 04/03/2021

For. Royal Environment Auditing & Consultancy Service



Ashish
Authorized Sign