

ANNEXURE K
REPORT OF TREATED
EFFULENT

MOEF letter No:- J-11011/231/2009-IA II(I) Dated 8th June 2009



Royal

Environment Auditing & Consultancy Service

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Date : 06/05/2017

Ref. No. : 712/04/2017-18

WASTE WATER SAMPLE ANALYSIS REPORT

Name of company : **Gallantt Metal Limited**
Survey No. 175/1,
Near toll gate,
Village : Samakhali,
Taluka : Bhachau,
Kutch, Gujarat.

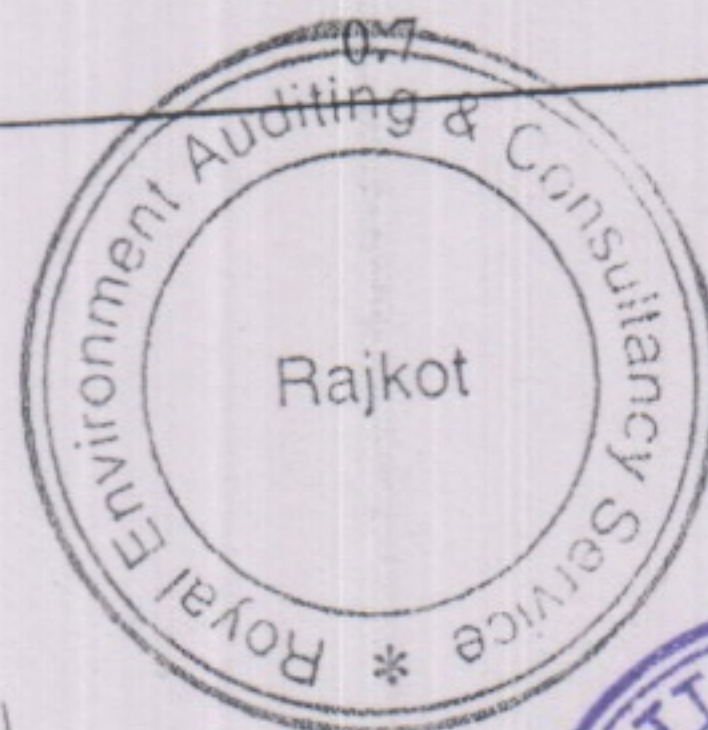
Date of sampling : 29/04/2017

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	8.1	7.31
2	Colour	Pt.co scale	100 Units	44	15
3	Temp.	°C	40	32	30
4	Suspended Solids	Mg/Lit	100	38	18
5	Total Dissolved Solids	Mg/Lit	---	912	381
6	Total Solids	Mg/Lit	---	950	399
7	Oil & Grease	Mg/Lit	10	2.7	0.91
8	Sulphides	Mg/Lit	2	1.9	0.66
9	Phosphate	Mg/Lit	5	5.6	2.7
10	BOD	Mg/Lit	30	81	21
11	COD	Mg/Lit	100	191	49
12	Total Chromium (as Cr)	Mg/Lit	0.2	0.7	0.08
13	Hexavalent Cr	Mg/Lit	0.1	0.41	0.27
14	Copper	Mg/Lit	1.0	0.68	0.52
15	Total Iron (as Fe)	Mg/Lit	1.0	3.4	0.59
16	Zinc (as Zn)	Mg/Lit	1.0	0.7	NIL

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

Royal Environment Auditing & Consultancy Service



[Signature]
Analyst





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Date : 03/08/2017

Ref. No. : 737/07/2017-18

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 : 27/07/2017

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	7.9	7.16
2	Colour	Pt.co scale	100 Units	37	13
3	Temp.	°C	40	31	30
4	Suspended Solids	Mg/Lit	100	41	16
5	Total Dissolved Solids	Mg/Lit	---	918	377
6	Total Solids	Mg/Lit	---	959	393
7	Oil & Grease	Mg/Lit	10	2.4	0.85
8	Sulphides	Mg/Lit	2	1.6	0.58
9	Phosphate	Mg/Lit	5	5.3	2.9
10	BOD	Mg/Lit	30	76	24
11	COD	Mg/Lit	100	185	43
12	Total Chromium (as Cr)	Mg/Lit	0.2	0.9	0.1
13	Hexavalent Cr	Mg/Lit	0.1	0.47	0.22
14	Copper	Mg/Lit	1.0	0.65	0.48
15	Total Iron (as Fe)	Mg/Lit	1.0	3.7	0.61
16	Zinc (as Zn)	Mg/Lit	1.0	0.8	NIL

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

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