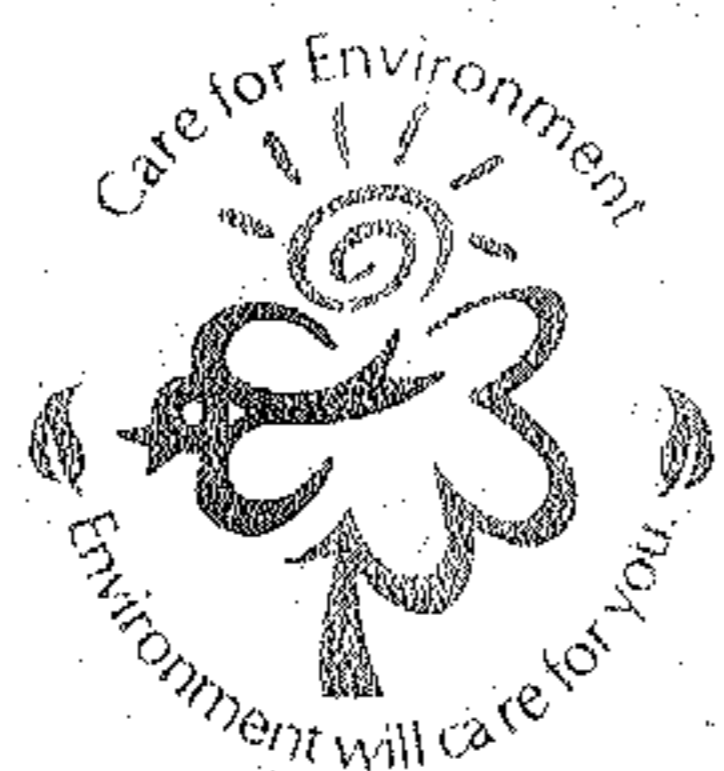


ANNEXURE E

COPY OF FUGITIVE EMISSION REPORT

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



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Ref. No. : 700/04/2017-18

Date : 06/05/2017

REPORT OF FUGITIVE EMISSION MONITORING

Name of company : **Gallantt Metal Limited**

Survey No. 175/1,

Near toll gate,

Village : Samakhyali,

Taluka : Bhachau,

Kutch, Gujarat.

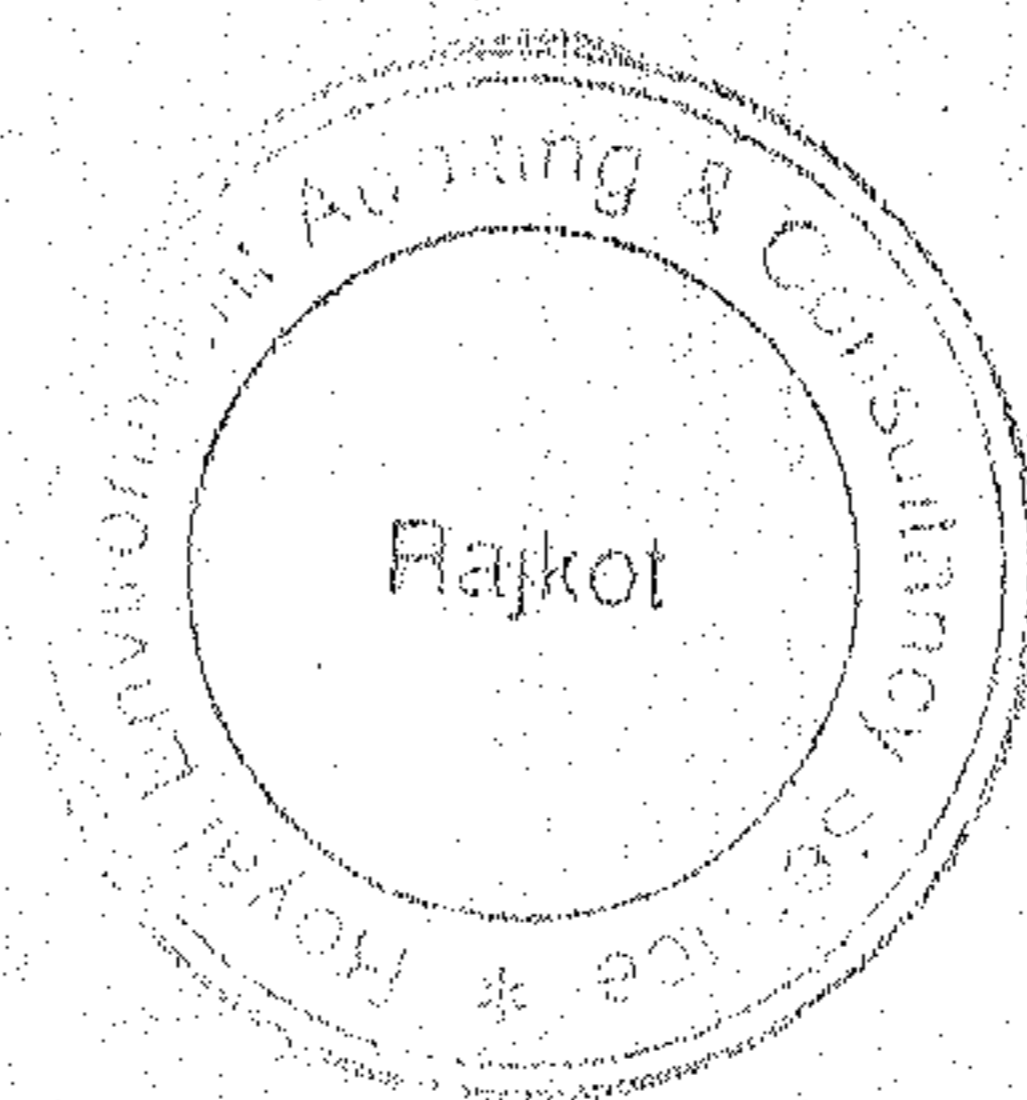
Sampling Site: Near raw material handling area

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	---	29-04-2017	29-04-2017	29-04-2017	29-04-2017
03.	Time of sampling	Hr	8.30	8.40	8.50	9.10
04.	Dominant Wind Direction (From)	---	NE to SW	NE to SW	NE to SW	NE to SW
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	1.05	1.08	1.04	1.09
07.	Permissible limit for SPM	µg/m ³	3000	3000	3000	3000
08.	Measured Concentration of SPM	µg/m ³	1753	1912	1426	1845

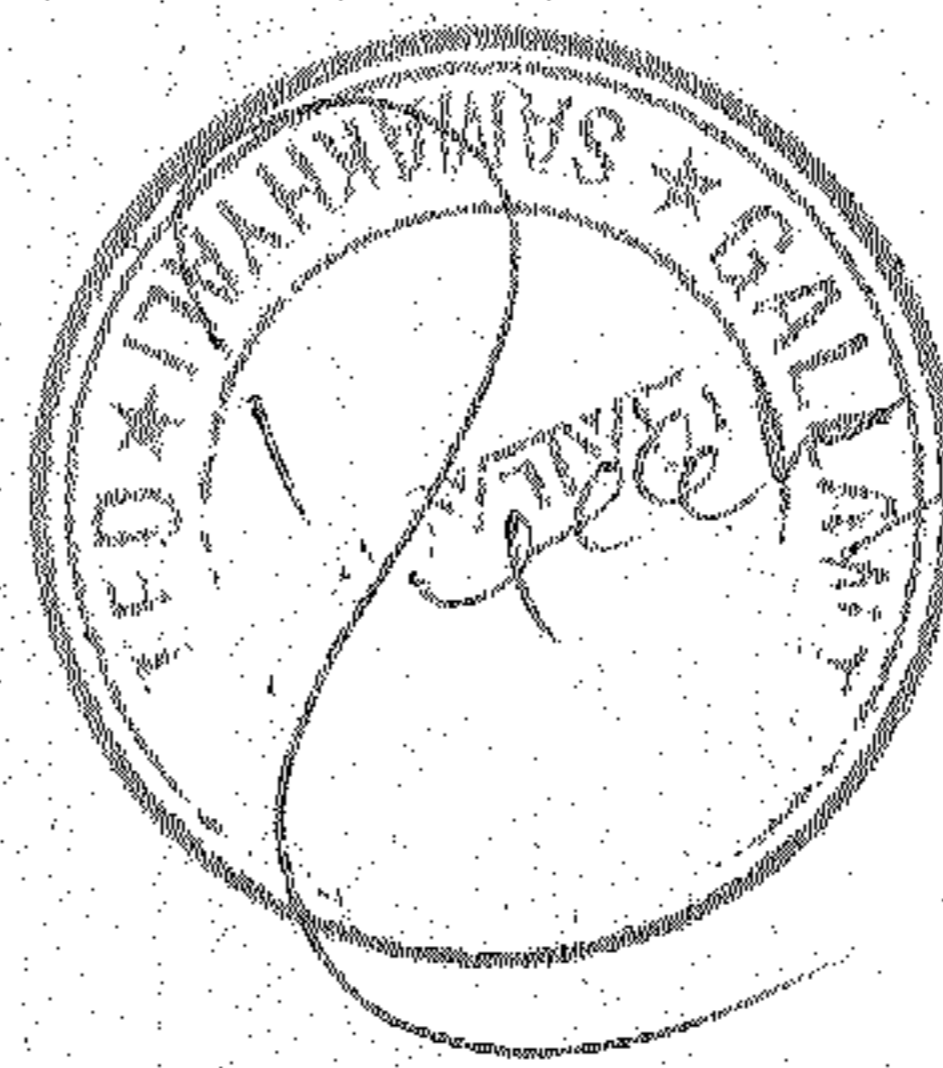
Instruments Used : Envirotech HVS APM 430 & Ecotech RDS - AAS 217

Calibration due on. 1) 15/05/2017

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Analyst





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Ref. No. : 701/04/2017-18

Date : 06/05/2017

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

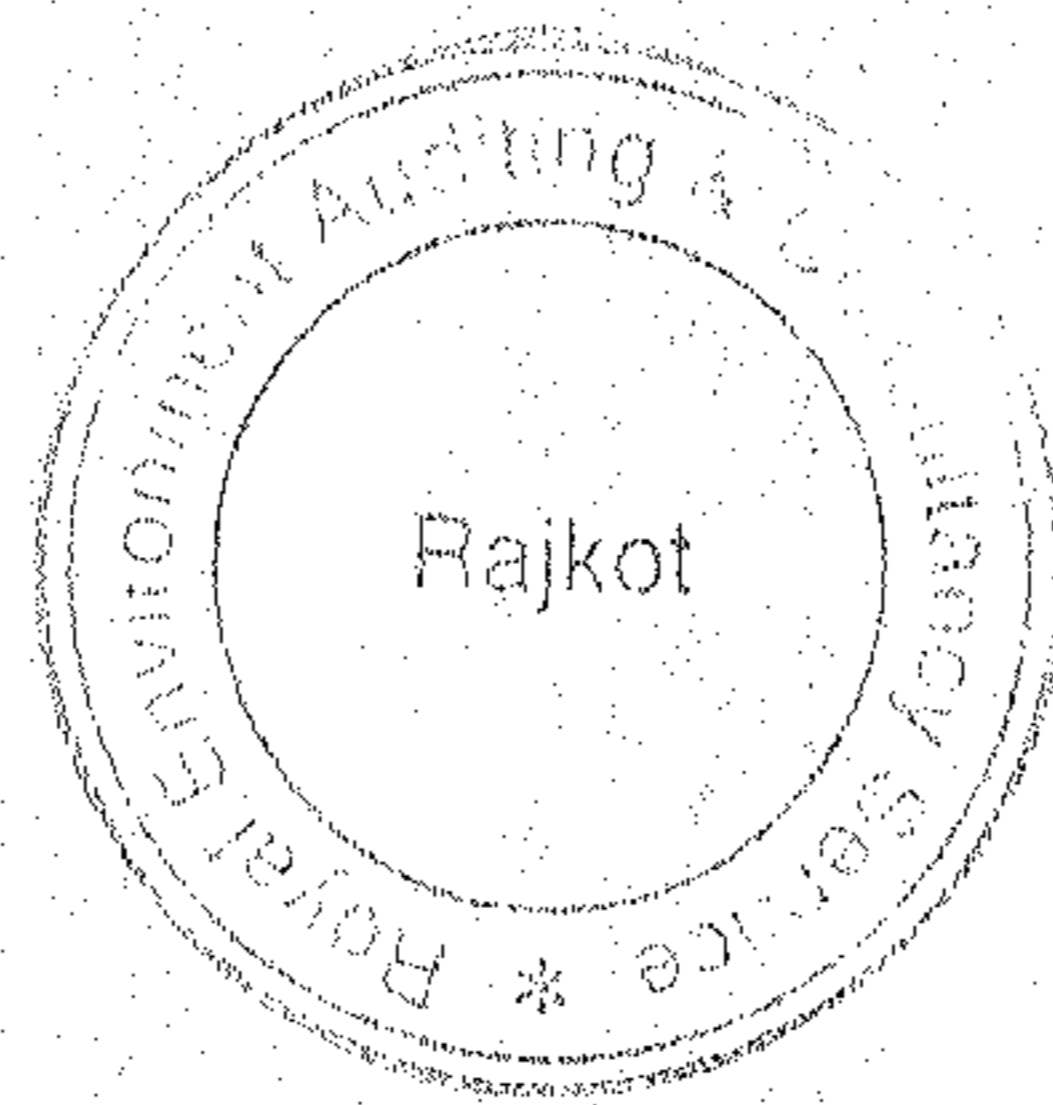
Sampling Site: Crusser area

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	---	29-04-2017	29-04-2017	29-04-2017
03.	Time of sampling	Hr	9.20	16.40	16.50
04.	Dominant Wind Direction (From)	---	NE to SW	NE to SW	NE to SW
05.	Average Wind Speed	Km/Hr	7 to 16	7 to 16	7 to 16
06.	Average flow rate during sampling	m ³ /minute	1.04	1.08	1.06
07.	Permissible limit for SPM	µg/m ³	3000	3000	3000
08.	Measured Concentration of SPM	µg/m ³	1924	2113	1815

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

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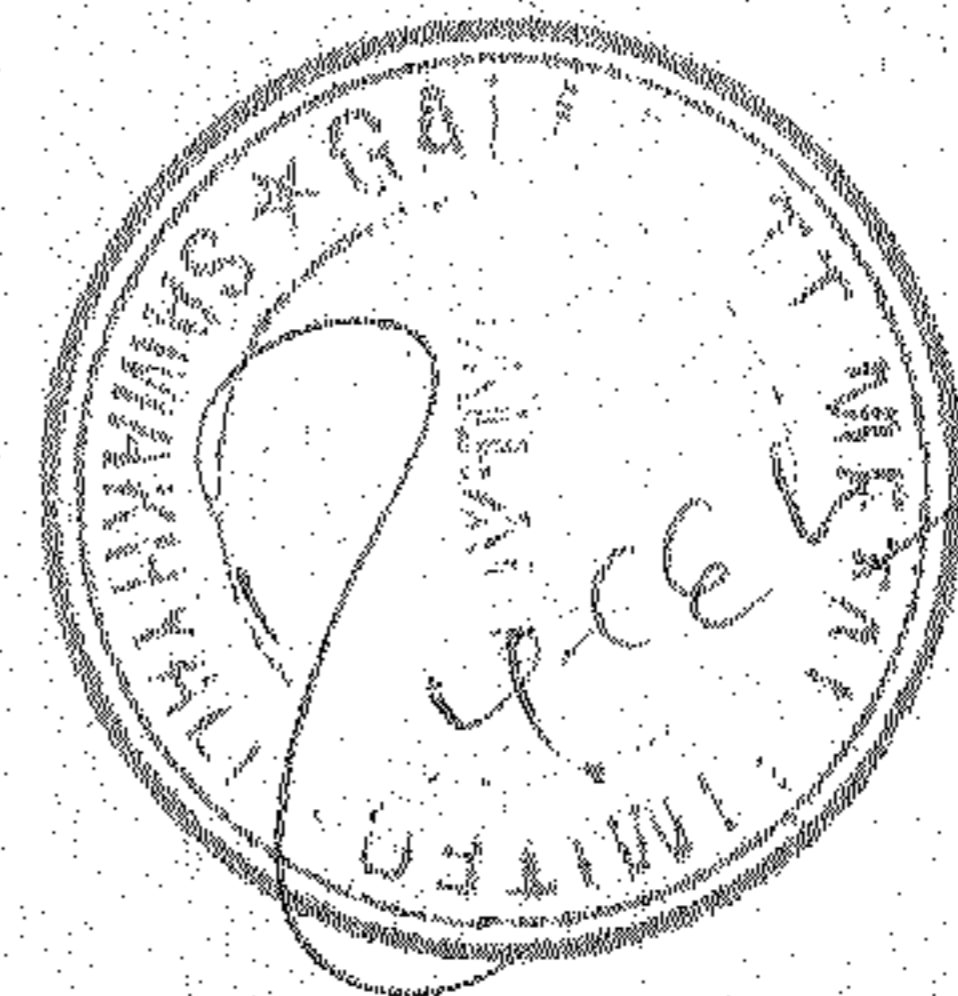
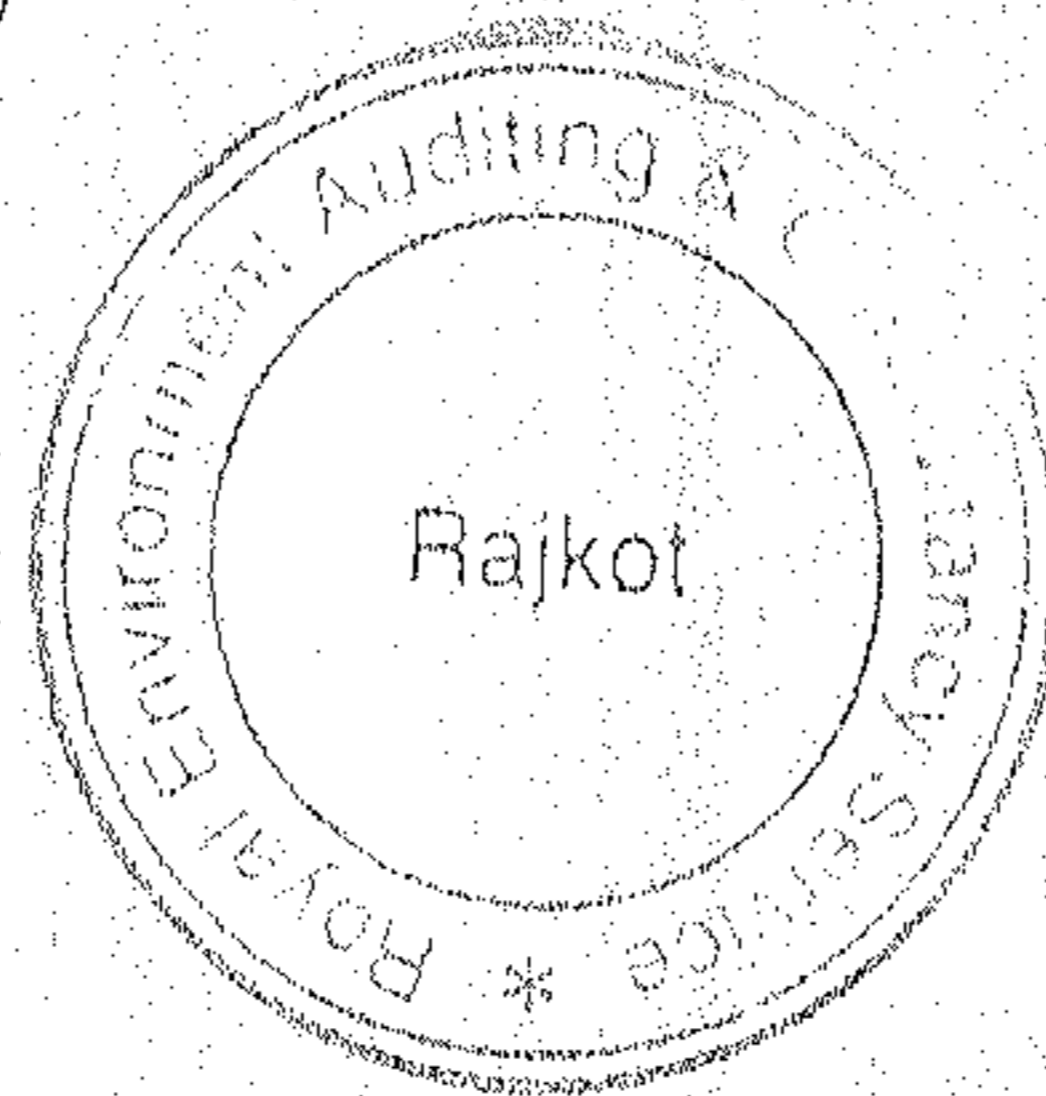
Sampling Site: Raw material feeder area

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	---	29-04-2017	29-04-2017	29-04-2017
03.	Time of sampling	Hr	17.10	17.20	17.30
04.	Dominant Wind Direction (From)	---	NE to SW	NE to SW	NE to SW
05.	Average Wind Speed	Km/Hr	5 to 18	5 to 18	5 to 18
06.	Average flow rate during sampling	m ³ /minute	1.02	1.08	1.06
07.	Permissible limit for SPM	µg/m ³	3000	3000	3000
08.	Measured Concentration of SPM	µg/m ³	1826	1913	1753

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

Calibration due on. 1) 15/05/2017

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Ref. No. : 703/04/2017-18

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Village : Samakhyali,
Taluka : Bhachau,
Kutch, Gujarat.

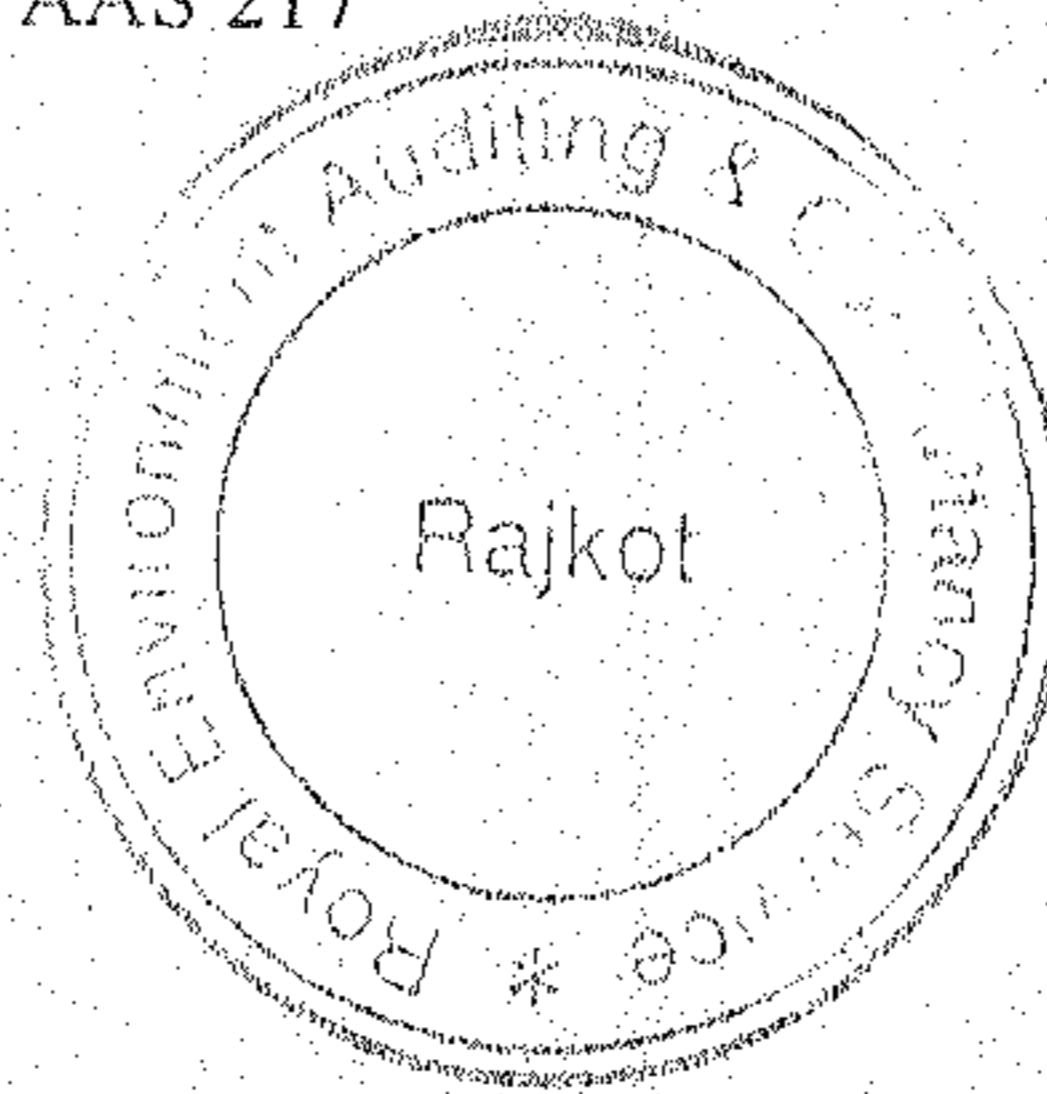
Sampling Site: Cooler Discharge Area

Sr. No.	Particulars	Unit	Location # 11	Location # 12
01.	Location of Sampling	---	Nr. Wagon tippler	Nr. Screen area
02.	Date of sampling	---	30-04-2017	30-04-2017
03.	Time of sampling	Hr	7.00	7.10
04.	Dominant Wind Direction (From)	---	NE to SW	NE to SW
05.	Average Wind Speed	Km/Hr	7 to 18	7 to 18
06.	Average flow rate during sampling	m ³ /minute	1.08	1.09
07.	Permissible limit for SPM	µg/m ³	3000	3000
08.	Measured Concentration of SPM	µg/m ³	1954	1810

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

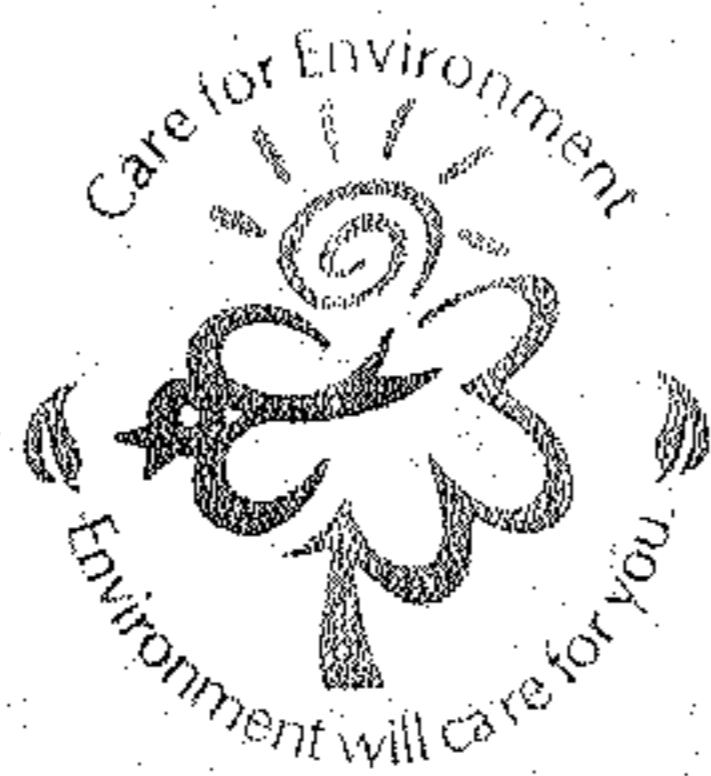
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Kutch, Gujarat.

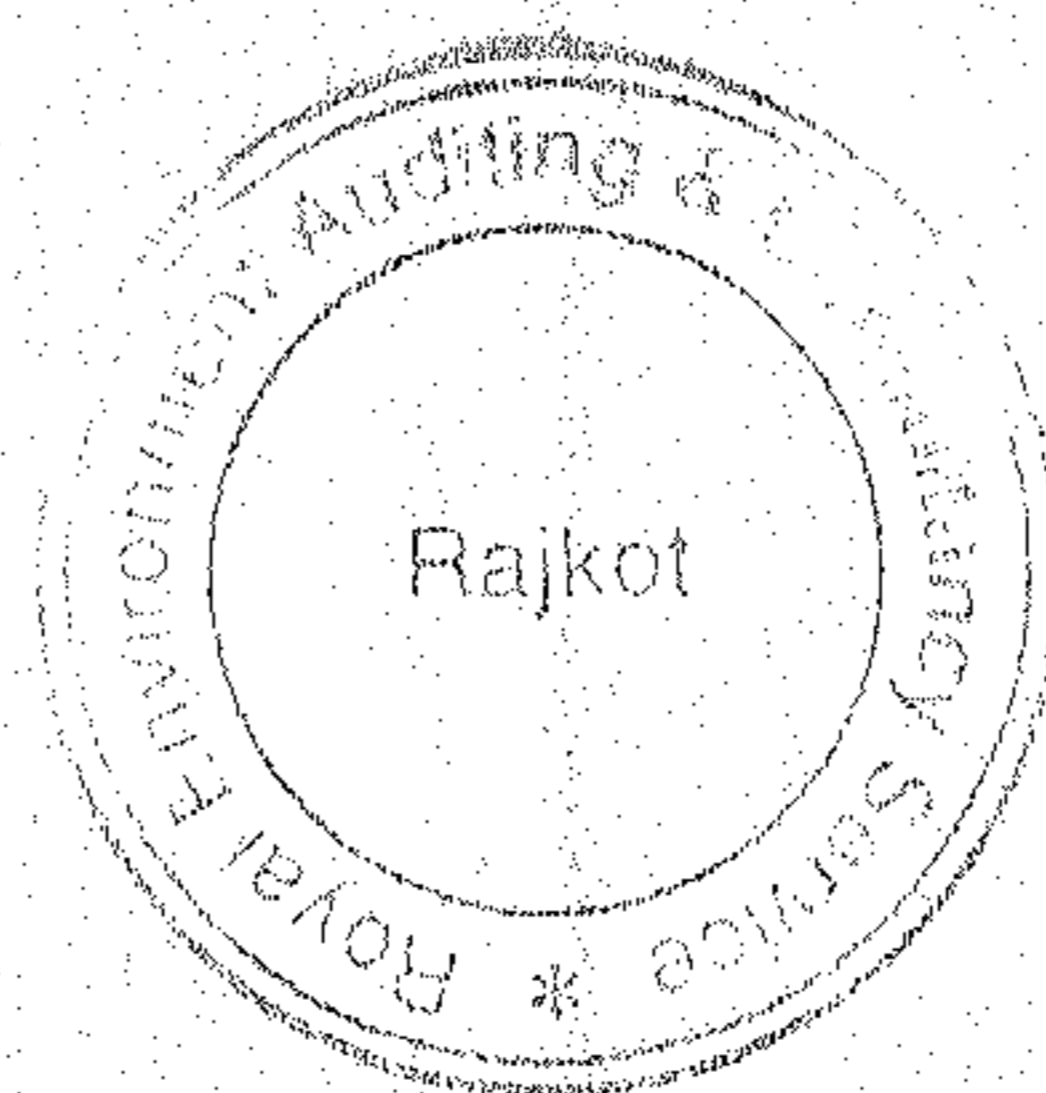
Sampling Site: Product Processing area

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	---	30-04-2017	30-04-2017	30-04-2017	30-04-2017
03.	Time of sampling	Hr	7.20	7.30	7.45	15.15
04.	Dominant Wind Direction (From)	---	NE to SW	NE to SW	NE to SW	NE to SW
05.	Average Wind Speed	Km/Hr	6 to 16	6 to 16	6 to 16	5 to 17
06.	Average flow rate during sampling	m ³ /minute	1.09	1.06	1.11	1.02
07.	Permissible limit for SPM	µg/m ³	3000	3000	3000	3000
08.	Measured Concentration of SPM	µg/m ³	1356	1754	1648	1852

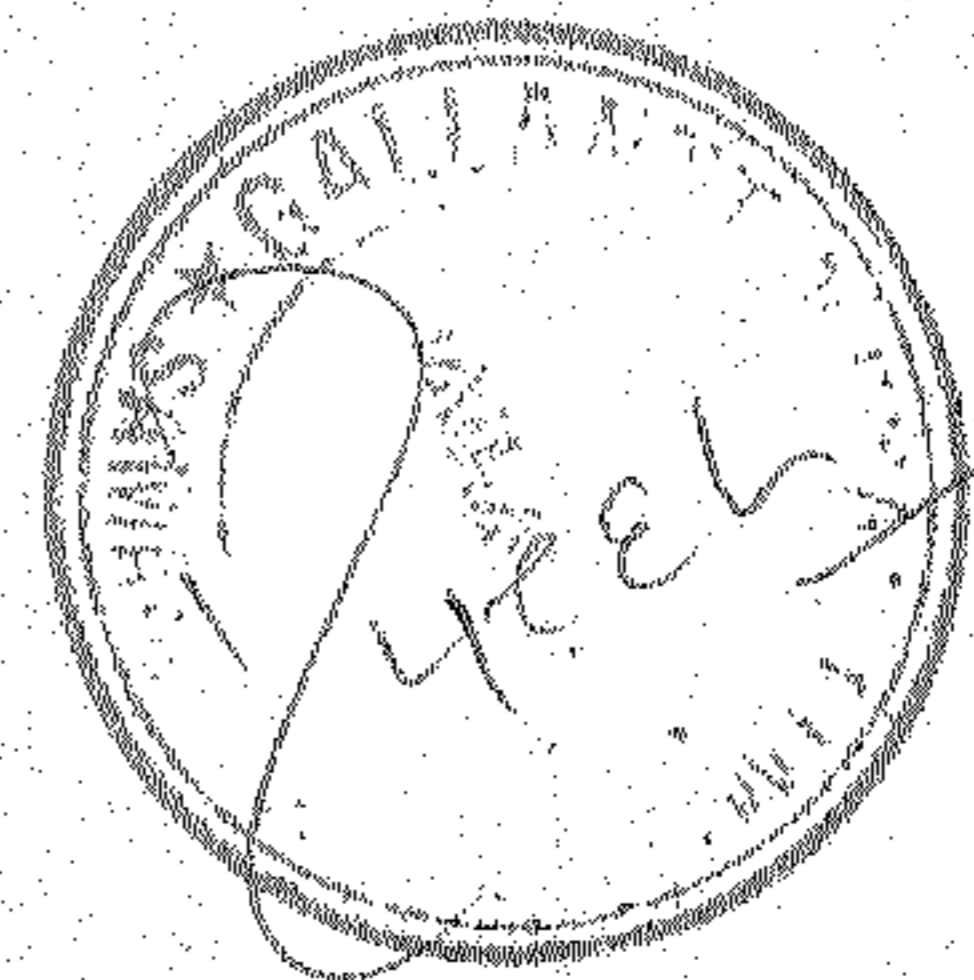
Instruments Used : Envirotech HVS APM 430 & Ecotech RDS - AAS 217

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Ref. No. : 705/04/2017-18

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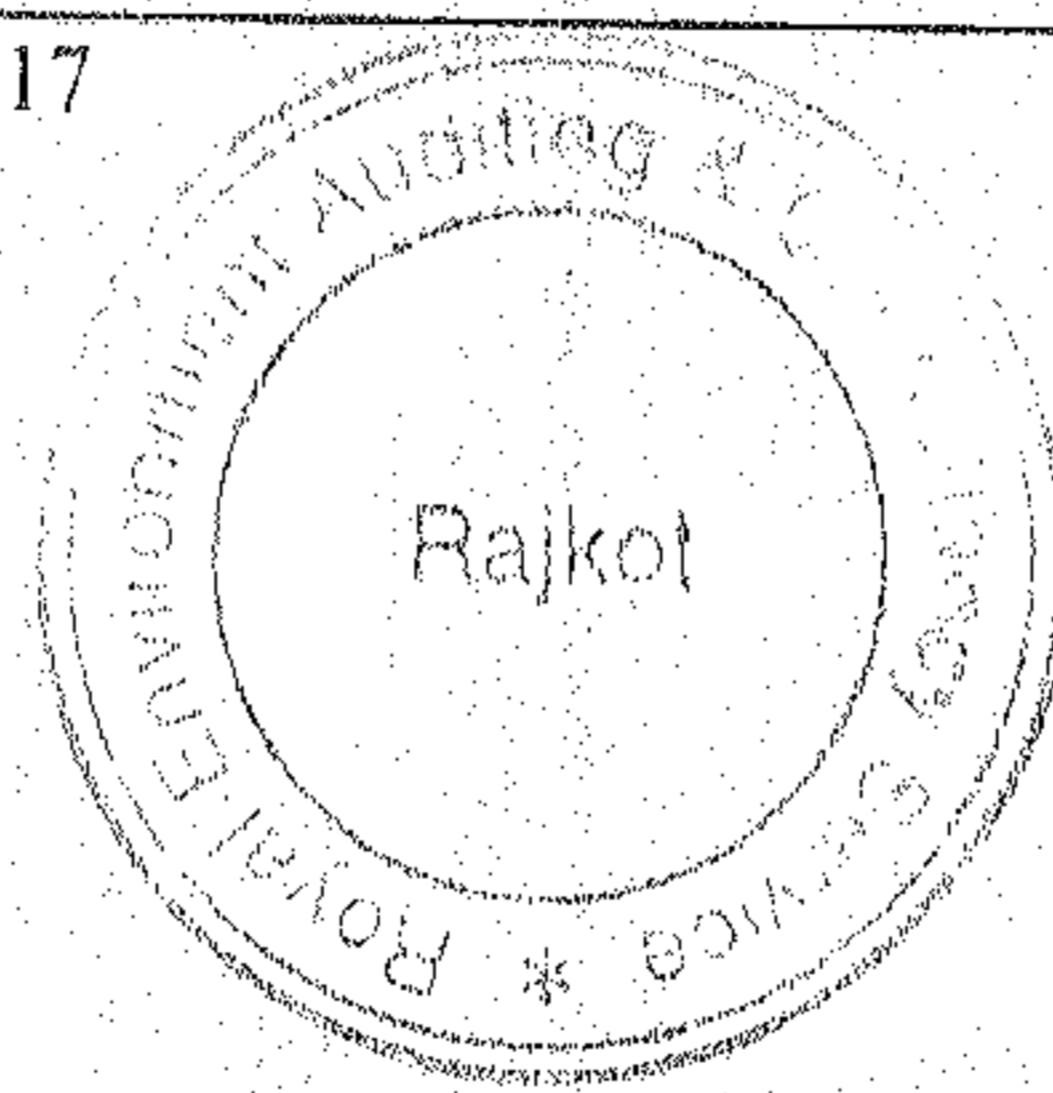
Sampling Site: **Product Processing area**

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	---	30-04-2017	30-04-2017	30-04-2017
03.	Time of sampling	Hr	15.30	15.45	15.55
04.	Dominant Wind Direction (From)	---	NE to SW	NE to SW	NE to SW
05.	Average Wind Speed	Km/Hr	7 to 18	7 to 18	7 to 18
06.	Average flow rate during sampling	m ³ /minute	1.02	1.06	1.12
07.	Permissible limit for SPM	µg/m ³	3000	3000	3000
08.	Measured Concentration of SPM	µg/m ³	1678	1822	1716

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

Calibration due on. 1) 15/05/2017

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