

**STACK EMISSION MEASUREMENT IN mg / NM3 AS PER MONTHLY REPORT - 2011-12**

SRNO	STACK LOCATION	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	AVG VALUE
1	U-I KILN ESP	99.05	98.90	93.48	80.14	95.16	87.45	92.36
2	U-II KILN BAG HOUSE	31.54	38.86	35.41	41.40	27.48	52.87	37.93
3	U-III KILN ESP	87.47	97.18	89.84	98.01	80.65	79.02	88.70
4	U-I COOLER ESP	91.02	84.83	75.96	80.68	77.80	57.71	78.00
5	U-II COOLER ESP	86.98	87.26	82.18	99.51	86.00	92.81	89.12
6	U-III COOLER ESP	75.02	48.53	57.12	52.14	58.12	61.54	58.75
7	U-I COAL MILL ESP	90.75	74.64	81.78	72.45	77.53	76.54	78.95
8	U-II COAL MILL DC	100.00	98.69	73.69	87.43	79.88	81.17	86.81
9	U-III COAL MILL ESP	84.88	79.36	88.40	64.67	98.89	83.01	83.20
10	U-I CEMENT MILL DC	78.05	72.05	81.78	61.42	87.00	87.98	78.05
11	U-II CEMENT MILL DC	23.15	45.46	36.37	59.34	34.50	63.64	43.74
12	U-III CEMENT MILL ESP	65.20	55.47	53.91	59.69	64.68	66.68	60.94
13	BOILER -I ESP-1	93.10	71.77	89.99	85.85	69.65	102.79	85.53
14	BOILER-II & III ESP	83.66	98.73	99.43	69.29	93.76	82.19	87.84

### Noise monitoring reports at Rajashree Cement during 2011-12

	April-11		May-11		June-11		July-11		August-11		September-11	
Location	DAY dB	NIGHT dB	DAY dB	NIGHT dB	DAY dB	NIGHT dB	DAY dB	NIGHT dB	DAY dB	NIGHT dB	DAY dB	NIGHT dB
Shopping Complex Circle	68	59	60	55	56	48	56	50	58	46	56	49
Auditorium	60	54	49	45	52	47	48	50	52	40	53	47
Mangalum (Mines)	59	56	56	50	50	44	52	46	56	49	58	47
Petrol Bunk	62	50	58	45	53	45	58	42	50	40	57	43
Colony Main gate	58	44	50	46	49	42	58	40	48	46	52	40
LPG Godwan	65	60	66	56	58	54	60	58	60	56	48	40
Near TPP	67	58	59	52	58	50	58	50	60	52	57	51
STP	66	68	64	60	66	62	68	65	66	64	67	62

**AMBIENT AIR QUALITY REPORT OF RAJASHREE CEMENT DURING 2011-12**

MONTH	LOCATION WITH MONTHLY AVERAGE IN MICROGRAMS / M <sup>3</sup>																			
	SATKAR TOP				VV 10 TOP				AV-12 TOP				MINES OFFICE				AVERAGE			
	PM 10	PM 2.5	SO2	NOX	PM 10	PM 2.5	SO2	NOX	PM 10	PM 2.5	SO2	NOX	PM 10	PM 2.5	SO2	NOX	PM 10	PM 2.5	SO2	NOX
Apr-11	65.24	16.95	15.36	20.75	73.16	17.80	16.59	22.06	44.94	14.32	15.30	19.60	48.80	21.06	8.35	9.10	58.04	17.53	13.90	17.88
May-11	64.40	16.43	15.68	20.01	74.42	15.35	16.56	21.86	41.85	12.84	14.03	18.98	48.61	18.05	9.45	11.16	57.32	15.67	13.93	18.00
Jun-11	60.21	13.20	17.84	22.35	69.31	15.26	16.02	21.37	39.23	12.45	14.33	20.58	55.77	17.34	9.56	11.26	56.13	14.56	14.44	18.89
Jul-11	41.41	11.39	17.64	20.59	52.76	12.59	16.29	19.34	34.03	8.41	14.81	19.09	55.51	15.29	8.98	10.01	45.93	11.92	14.43	17.26
Aug-11	47.74	9.17	16.36	19.65	53.76	10.75	16.26	20.50	32.14	7.45	12.64	17.48	56.30	12.86	9.76	11.65	47.49	10.06	13.76	17.32
Sep-11	45.26	7.06	15.26	18.17	52.26	7.67	15.82	19.50	29.81	4.95	13.07	16.63	70.13	9.97	8.90	10.63	49.37	7.41	13.26	16.23
AVG	54.04	12.37	16.36	20.25	62.61	13.24	16.26	20.77	37.00	10.07	14.03	18.73	55.85	15.76	9.17	10.64	52.38	12.86	13.95	17.60
Max	65.24	16.95	17.84	22.35	74.42	17.80	16.59	22.06	44.94	14.32	15.30	20.58	70.13	21.06	9.76	11.65	63.68	17.53	14.44	18.89
Min	41.41	7.06	15.26	18.17	52.26	7.67	15.82	19.34	29.81	4.95	12.64	16.63	48.61	9.97	8.35	9.10	43.02	7.41	13.26	16.23