

SAI REGENCY POWER CORPORATION PVT. LTD.
Kalugoorani, Ramanathapuram 623 536.

Ambient Air Quality Survey

Date: 27.07.2011

Sampling Period (8hrs Average)					
Station Number	Locations	(Pollutants in $\mu\text{g}/\text{m}^3$)			
		SPM	RPM	SO ₂	NO _x
A1)	Top of Switch Yard Room	19.18	12.21	6.87	10.92
A2)	Near Main Gate	20.33	11.86	8.58	12.74
A3)	Near ACW system	22.02	15.24	9.36	14.55
A4)	Near Gail Yard	15.31	10.21	5.15	9.09
A5)	Top of Security Room	24.71	13.18	6.87	10.92

Permissible limits for residential and rural area.

SPM : 100 micro gm/m³
RPM : 60 micro gm/m³
SO₂ : 80 micro gm/m³
NO_x : 80 micro gm/m³

Tested By:

K. Balakrishnan
06.08.11
(K. Balakrishnan)
Chief Chemist.

SAI REGENCY POWER CORPORATION PVT. LTD.
Kalugoorani, Ramanathapuram 623 536.

Stack Emission Survey

Date	Pollutants (mg/Nm ³)		
	SPM	SO ₂	NO _x
01.07.2011	8.56	0.10	11.10
02.07.2011	7.29	0.90	20.30
03.07.2011	9.01	0.10	15.58
04.07.2011	7.83	4.22	12.60
05.07.2011	6.95	1.19	17.30
06.07.2011	9.58	1.40	8.20
07.07.2011	10.06	0.10	14.60
08.07.2011	8.79	0.10	10.00
09.07.2011	9.18	2.20	10.50
10.07.2011	8.32	6.12	11.75
11.07.2011	7.45	3.90	12.70
12.07.2011	9.07	0.11	13.51
13.07.2011	8.24	1.69	6.30
14.07.2011	7.69	1.68	2.08
15.07.2011	10.32	1.30	13.80
16.07.2011	9.15	0.40	11.20
17.07.2011	8.47	1.43	10.00
18.07.2011	8.69	1.59	8.92
19.07.2011	7.68	3.08	8.03
20.07.2011	9.26	0.54	5.30
21.07.2011	N/A	N/A	N/A
22.07.2011	N/A	N/A	N/A
23.07.2011	N/A	N/A	N/A
24.07.2011	N/A	N/A	N/A
25.07.2011	8.36	3.30	13.80
26.07.2011	6.89	1.53	11.07
27.07.2011	7.28	4.43	13.58
28.07.2011	8.96	2.18	5.16
29.07.2011	9.76	6.16	1.34
30.07.2011	8.47	10.30	4.80
31.07.2011	7.68	15.41	0.92

Tested By:

K. Balakrishnan
(K. Balakrishnan) 06.08.11
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Ambient Air Quality Survey

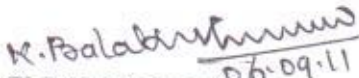
Date: 24.08.2011

Sampling Period (8hrs Average)					
Station Number	Locations	(Pollutants in $\mu\text{g}/\text{m}^3$)			
		SPM	RPM	SO ₂	NO _x
A1)	Top of Switch Yard Room	32.58	18.86	6.87	9.09
A2)	Near Main Gate	31.12	19.02	10.3	12.74
A3)	Near ACW system	26.56	14.94	9.15	11.64
A4)	Near Gail Yard	29.76	16.53	7.32	9.70
A5)	Top of Security Room	32.68	19.61	8.58	14.55

Permissible limits for residential and rural area.

SPM : 100 micro gm/m³
RPM : 60 micro gm/m³
SO₂ : 80 micro gm/m³
NO_x : 80 micro gm/m³

Tested By:


(K. Balakrishnan) 06.09.11
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Stack Emission Survey

Date	Pollutants (mg/Nm ³)		
	SPM	SO ₂	NO _x
01.08.2011	8.65	0.72	11.25
02.08.2011	9.56	1.20	14.90
03.08.2011	7.67	1.08	16.44
04.08.2011	8.25	1.51	13.49
05.08.2011	7.09	2.93	20.01
06.08.2011	6.85	5.00	12.00
07.08.2011	6.73	2.20	14.60
08.08.2011	8.96	1.15	12.92
09.08.2011	8.15	1.20	12.10
10.08.2011	9.08	2.70	8.50
11.08.2011	10.23	5.07	5.74
12.08.2011	9.48	2.00	8.50
13.08.2011	7.68	1.70	6.20
14.08.2011	8.13	3.08	9.16
15.08.2011	6.26	3.08	18.60
16.08.2011	6.49	1.52	14.90
17.08.2011	7.63	1.06	6.00
18.08.2011	7.29	4.27	10.32
19.08.2011	8.61	1.86	12.26
20.08.2011	9.07	6.20	8.60
21.08.2011	8.43	1.09	10.50
22.08.2011	6.58	2.69	6.07
23.08.2011	7.16	4.01	8.67
24.08.2011	8.69	6.00	14.20
25.08.2011	9.47	3.69	17.60
26.08.2011	7.56	2.11	18.40
27.08.2011	6.97	2.50	5.40
28.08.2011	8.56	3.60	14.30
29.08.2011	7.63	1.18	14.70
30.08.2011	8.16	1.59	13.60
31.08.2011	8.42	2.68	10.95

Tested By:

K. Balakrishnan
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Ambient Air Quality Survey

Date: 23.09.2010

Sampling Period (8hrs Average)					
Station Number	Locations	(Pollutants in $\mu\text{g}/\text{m}^3$)			
		SPM	RPM	SO ₂	NO _x
A1)	Top of Switch Yard Room	18.33	11.67	5.15	18.19
A2)	Near Main Gate	19.26	14.01	3.43	14.55
A3)	Near ACW system	17.01	11.91	5.15	18.19
A4)	Near Gail Yard	17.22	12.05	6.87	14.55
A5)	Top of Security Room	23.91	15.37	5.15	14.55

Permissible limits for residential and rural area.

SPM : 100 micro gm/m³

RPM : 60 micro gm/m³

SO₂ : 80 micro gm/m³

NO_x : 80 micro gm/m³

Tested By:

K. Balakrishnan
(K. Balakrishnan) 06.10.10
Chief Chemist.

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Stack Emission Survey

Date	Pollutants (mg/Nm ³)		
	SPM	SO ₂	NO _x
01.09.2010	8.95	4.30	9.00
02.09.2010	9.23	3.30	8.80
03.09.2010	10.05	2.53	8.92
04.09.2010	11.12	3.20	5.70
05.09.2010	8.47	3.10	10.50
06.09.2010	9.65	3.30	15.80
07.09.2010	7.98	2.40	8.30
08.09.2010	8.56	2.74	14.66
09.09.2010	10.32	3.50	8.20
10.09.2010	7.85	2.84	5.99
11.09.2010	10.54	3.20	14.70
12.09.2010	9.68	1.04	10.45
13.09.2010	9.07	1.60	4.90
14.09.2010	8.34	4.59	8.60
15.09.2010	7.56	1.91	8.42
16.09.2010	9.14	3.02	7.59
17.09.2010	9.96	1.00	12.13
18.09.2010	10.47	3.40	9.80
19.09.2010	8.57	4.53	9.74
20.09.2010	6.94	3.70	7.58
21.09.2010	7.36	2.90	8.00
22.09.2010	9.18	2.10	7.30
23.09.2010	10.82	3.18	13.22
24.09.2010	8.65	2.75	12.96
25.09.2010	11.08	2.40	9.80
26.09.2010	9.74	3.78	9.28
27.09.2010	9.16	4.72	8.82
28.09.2010	8.52	3.30	13.80
29.09.2010	10.24	2.17	11.27
30.09.2010	9.84	2.40	8.20

Tested By:

K. Balakrishnan
(K. Balakrishnan)
Chief Chemist.
06.10.10

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Ambient Air Quality Survey

Date: 25.10.2011

Sampling Period (8hrs Average)					
Station Number	Locations	(Pollutants in $\mu\text{g}/\text{m}^3$)			
		SPM	RPM	SO ₂	NO _x
A1)	Top of Switch Yard Room	43.33	23.33	8.58	12.74
A2)	Near Main Gate	43.10	19.76	6.87	10.92
A3)	Near ACW system	34.05	21.08	6.87	12.74
A4)	Near Gail Yard	45.18	23.43	5.15	9.09
A5)	Top of Security Room	44.47	21.41	8.58	14.55

Permissible limits for residential and rural area.

SPM : 100 micro gm/m³

RPM : 60 micro gm/m³

SO₂ : 80 micro gm/m³

NO_x : 80 micro gm/m³

Tested By:

K. Balakrishnan
04.11.11
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Chief Chemist.

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Stack Emission Survey

Date	Pollutants (mg/Nm ³)		
	SPM	SO ₂	NO _x
01.10.2011	9.12	5.50	9.60
02.10.2011	8.56	2.03	10.60
03.10.2011	8.09	3.59	6.70
04.10.2011	7.85	3.80	5.90
05.10.2011	9.73	7.12	12.34
06.10.2011	10.16	2.61	14.41
07.10.2011	8.63	1.52	17.00
08.10.2011	7.43	1.10	13.30
09.10.2011	9.18	1.60	13.83
10.10.2011	9.85	6.51	10.91
11.10.2011	10.26	1.20	14.40
12.10.2011	8.27	1.93	14.30
13.10.2011	7.63	1.35	12.10
14.10.2011	6.98	2.02	12.60
15.10.2011	7.19	2.93	4.88
16.10.2011	8.64	3.54	4.08
17.10.2011	9.28	6.75	9.27
18.10.2011	8.47	4.27	10.30
19.10.2011	7.58	3.08	12.40
20.10.2011	7.69	1.52	6.95
21.10.2011	6.98	1.12	15.00
22.10.2011	9.10	1.07	10.40
23.10.2011	N/A	N/A	N/A
24.10.2011	10.67	1.60	4.26
25.10.2011	11.12	1.09	9.40
26.10.2011	8.69	3.70	8.20
27.10.2011	9.47	3.24	8.50
28.10.2011	10.58	5.50	11.27
29.10.2011	7.68	1.80	12.08
30.10.2011	9.08	3.20	7.50
31.10.2011	8.29	5.31	12.20

Tested By:

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(K. Balakrishnan)
Chief Chemist.

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Ambient Air Quality Survey

Date: 29.11.2011

Sampling Period (8hrs Average)					
Station Number	Locations	(Pollutants in $\mu\text{g}/\text{m}^3$)			
		SPM	RPM	SO ₂	NO _x
A1)	Top of Switch Yard Room	32.45	18.78	5.15	7.28
A2)	Near Main Gate	29.39	13.83	6.87	10.92
A3)	Near ACW system	29.88	13.28	6.87	9.09
A4)	Near Gail Yard	33.88	15.24	7.32	11.64
A5)	Top of Security Room	38.64	20.16	8.58	10.92

Permissible limits for residential and rural area.

SPM : 100 micro gm/m³
RPM : 60 micro gm/m³
SO₂ : 80 micro gm/m³
NO_x : 80 micro gm/m³

Tested By:

K. Balakrishnan
(K. Balakrishnan) 07.12.11
Chief Chemist.

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Kalugoorani, Ramanathapuram 623 536.

Stack Emission Survey

Date	Pollutants (mg/Nm ³)		
	SPM	SO ₂	NO _x
01.11.2011	9.54	2.70	10.70
02.11.2011	8.69	2.00	3.00
03.11.2011	8.09	1.10	4.95
04.11.2011	7.83	0.10	12.70
05.11.2011	9.78	5.00	11.90
06.11.2011	8.92	4.51	4.56
07.11.2011	11.18	0.17	7.58
08.11.2011	9.28	1.27	5.98
09.11.2011	10.48	2.25	4.90
10.11.2011	9.08	0.85	10.20
11.11.2011	8.63	0.60	16.10
12.11.2011	8.42	1.10	15.50
13.11.2011	7.63	1.25	17.60
14.11.2011	6.89	1.64	10.91
15.11.2011	6.48	2.80	11.60
16.11.2011	7.96	3.60	21.60
17.11.2011	8.09	0.76	10.64
18.11.2011	8.68	3.44	7.16
19.11.2011	9.18	1.09	18.20
20.11.2011	7.86	1.49	9.50
21.11.2011	8.86	1.08	7.00
22.11.2011	9.73	4.30	7.80
23.11.2011	9.27	5.80	15.40
24.11.2011	10.09	1.00	17.50
25.11.2011	9.42	1.07	22.50
26.11.2011	10.13	0.68	10.20
27.11.2011	9.28	4.10	5.30
28.11.2011	8.97	2.90	10.58
29.11.2011	8.69	1.02	20.09
30.11.2011	9.41	1.18	26.90

Tested By:

K. Balakrishnan
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Chief Chemist.
07.12.11