


SKI Carbon Black (I) Pvt Ltd

Summary of Environment Performance

Monitoring	Location	Month		Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	
		Parameter	MPCB Limit								
Stack Monitoring	Boiler Stack, : RCC, 108M, Dimeter at TOP : 6.3M	MOC	TPM	150 mg/Nm3	6.3	7.2	8.1	13	21	29.7	40.8
			SO2	5760 Kg/Day	3333	3563.7	2156.61	1800.47	1119.05	1686.32	1673
			Nox		228	217	160	179	185	192	172
			CO		1.4	1.1	1.5	2.1	2.6	8.5	8
			HCs		7.9	6.3	6.6	7	8	10	7.6
			HC (Non Methane)		BDL	BDL	BDL	BDL	BDL	BDL	BDL
	Dryer Stack, : MS, Dimeter at TOP : 2.3 M	MOC	TPM	150 mg/Nm3	45.21	43	40	38.2	150	35.84	36.8
			SO2	1260 Kg/Day	12.55	24.71	11.28	11.6	10.15	10.74	6.28
			Nox		132	123	102	97	98	75.1	65.8
			CO		0.74	0.75	0.56	1.52	1.62	1.34	1.8
			CH4		8.5	8	5	7	6.2	6	4
	D.G. Stack, MS, Dimeter at TOP : 0.254 M	MOC	TPM	150 mg/Nm3	38.4	40.5	49	57	56.3	57.8	66
			SO2	216 Kg/Day	0.853	0.922	1.172	1.514	1.653	0.97	1.2
			Nox		112	122	120	112	96	87	64.9
			CO		8.1	8.5	10.12	11.7	13.5	11.1	11
			HCs		16	19.2	15	13	15	10.7	12
			HC (Non Methane)		BDL	BDL	BDL	2	3	2.8	2.5
		TPM	150	8.6	7.95	7.2	8.3	7.5	9	20	
		SO2		ND	ND	N	ND	ND	ND	ND	

Ambient Air Quality Monitoring	PGF No.01	Nox		ND	ND	N	ND	ND	ND	ND
		CO		0.42	0.18	0.2	0.3	0.4	0.7	0.5
		HCs		1.91	1	3	2.7	2.6	2.8	2.2
	PGF No.02	TPM	150	4.1	4.2	5	6.2	7.2	8.4	12
		SO2		ND	ND	ND	ND	ND	ND	ND
		Nox		ND	ND	ND	ND	ND	ND	ND
		CO		0.71	0.7	0.85	0.79	0.8	0.92	0.8
		HCs		4	3.2	2	2.4	2.3	2.7	2.3
	Tank Farm Area	RSPM PM 2.5	60	13.12	10.95	18	19.26	15.65	15.99	26
		RSPM PM 10	100	39.45	38.77	55.7	52.63	47	51.58	66
		SO2	80	11.42	10.62	14.3	16.7	13.15	15.6	10.6
Nox		80	16	12.4	19.05	16.95	17.16	18.77	8.4	
O3		100	20	11	10.22	10.1	9.56	7.58	8	
Pb		1	BDL	BDL	0.03	0.02	0.04	0.06	<0.1	
CO		4	0.22	0.18	1.4	1.26	1.33	1.02	0.05	
NH3		400	15	12	4.66	6.55	7.1	6.8	<20	
C6H6		5	BDL	BDL	BDL	BDL	BDL	BDL	<0.02	
BaP		1	BDL	BDL	BDL	BDL	BDL	BDL	<0.001	
As		6	BDL	BDL	BDL	0.01	0.02	0.04	<0.05	
Ni		20	BDL	BDL	0.01	0.02	0.03	0.08	<0.01	
Switch Yard	RSPM PM 2.5	60	12.15	10.52	12.4	13.62	14.67	16.3	18.6	
	RSPM PM 10	100	42.33	41.4	44.12	49.2	44.11	49.58	56	
	SO2	80	13.4	14.7	12.36	14.7	15.02	18.25	11.4	
	Nox	80	15.62	16.03	18.7	19.12	17.3	26.03	9.6	
	O3	100	22	18	5.33	5.55	4	9	8	
	Pb	1	BDL	BDL	0.05	0.02	0.03	0.04	<0.1	
	CO	4	0.22	0.25	1	1.3	0.95	1.02	0.05	
	NH3	400	31	23	4.78	4.85	5.1	5.5	<20	
	C6H6	5	BDL	BDL	BDL	BDL	BDL	BDL	<0.02	
	BaP	1	BDL	BDL	BDL	BDL	BDL	BDL	<0.001	
	As	6	BDL	BDL	BDL	BDL	BDL	BDL	<0.05	
	Ni	20	BDL	BDL	BDL	BDL	BDL	BDL	<0.01	
	RSPM PM 2.5	60	12.62	13.57	22.15	19.79	23.59	20.27	28	
	RSPM PM 10	100	41.33	42.62	61.07	55.62	56.12	50.87	70	

Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17
49.6	41.6	40.4	39.9	40.26	37.65
1414	1512	1715	1689	1700	1797.4
59.73	168	157	145	150	145
9.6	7.1	6.4	6.1	5.81	7.1
8	7.5	6	5.9	5.12	8.7
BDL	BDL	BDL	BDL	BDL	BDL
44	34.3	36.5	35.9	37.61	41.12
376.9	6.01	7.21	8.63	9.6	13.57
10.29	62.1	60	61.1	62.51	68.3
1.6	1.6	1.2	1.5	1.91	10.4
3.6	3.3	3	2.9	2.12	1.07
BDL	BDL	BDL	BDL	BDL	4.35
75	62	60.2	59.8	60.23	82.15
2.82	1.11	1.04	1.12	2.63	0.81
40.8	61.5	60	60	58.42	43
9	10	10.6	10.6	11.22	10.4
10	11	10.1	10.1	10.9	8.21
3	1.3	1.1	1.1	1.3	2.14
28	22	20	20.1	20.91	12.26
ND	ND	ND	ND	ND	ND

ND	ND	ND	ND	ND	ND
1	0.3	0.1	0.2	0.51	ND
3	1.7	1.3	1.5	1.82	0.4
22	11	12	11.9	1.62	11.63
ND	ND	ND	ND	12.32	ND
ND	ND	ND	ND	ND	ND
0.92	0.2	0.4	0.6	0.4	ND
2.7	1.4	1.6	1.8	1.22	0.71
21	22	20.5	19.75	18.42	27.1
60	64	61.2	59.26	60.53	55.36
12	10.1	10.3	10.56	11.23	11.29
9.6	9.2	9.7	10.11	10.99	15.37
8	10	9	9	9	6.93
<0.1	<0.1	<0.1	<0.1	<0.1	0.89
0.06	0.05	0.06	0.06	0.06	0.202
<20	<21	<20	<20	<20	16.4
<0.02	<0.02	<0.02	<0.02	<0.02	BDL
<0.001	<0.001	<0.001	<0.001	<0.001	BDL
<0.05	<0.05	<0.05	<0.05	<0.05	0.05
<0.01	<0.01	<0.01	<0.01	<0.01	0.06
17.4	20.1	18.8	19.51	20.97	19.58
50	59	62.3	61.85	62.84	55.4
10.4	10.4	10	10.63	12.56	15.37
11.6	10.7	9.4	10.21	11.52	24.7
8	10	9	9	9	6.3
<0.1	<0.1	<0.1	<0.1	<0.1	BDL
0.05	0.05	0.06	0.06	0.06	0.31
<20	<21	<20	<20	<20	4.72
<0.02	<0.02	<0.02	<0.02	<0.02	BDL
<0.001	<0.001	<0.001	<0.001	<0.001	BDL
BDL	<0.05	<0.05	<0.05	<0.05	BDL
BDL	<0.01	<0.01	<0.01	<0.01	BDL
25	21	20	29.41	30.56	24.15
66	68	64	62.47	61.52	53.1

11.6	11.5	10.1	9.52	10.23	14.9
10.4	10.8	9.7	9.7	10.62	17.8
8	10	9	9	9	13.7
<0.1	<0.1	<0.1	<0.1	<0.1	BDL
0.06	0.05	0.06	0.06	0.06	0.189
<20	<21	<20	<20	<20	16.4
<0.02	<0.02	<0.02	<0.02	<0.02	BDL
<0.001	<0.001	<0.001	<0.001	<0.001	BDL
<0.05	<0.05	<0.05	<0.05	<0.05	0.03
<0.01	<0.01	<0.01	<0.01	<0.01	0.04
20	20.5	19.6	20.41	21.84	13.69
56	61.7	60.4	61.65	61.96	42.15
12.5	11.1	10.2	10.74	11.96	10.33
11.2	10.6	9.1	9.9	10.89	12.21
8	10	9	9	9	5.1
<0.1	<0.1	<0.1	<0.1	<0.1	BDL
0.06	0.05	0.06	0.06	0.06	0.065
<20	<21	<20	<20	<20	3.8
<0.02	<0.02	<0.02	<0.02	<0.02	BDL
<0.001	<0.001	<0.001	<0.001	<0.001	BDL
<0.05	<0.05	<0.05	<0.05	<0.05	BDL
<0.01	<0.01	<0.01	<0.01	<0.01	BDL
58.5	70.1	70.16	69.28	70.08	69.8
46.9	65.75	65.46	65.71	62.96	62.6
70.4	71.1	70.13	70.39	70.51	71.3
67.6	61.7	65.33	64.15	63.19	62.6
69.68	70.1	70.18	70.3	71.13	70
64.05	63.66	63.6	63.82	64.15	61.8
70.96	70.1	71.81	71.5	71.53	71.1
64.41	64.05	64.16	62.03	62.13	66
98.5	99.3	73.5	100.9	100.9	92.5
73	73	26.6	73.1	72.6	65.1
8.13	7.38	8.42	7.98	7.27	7.11
26	10	34	39	53	15

204	246	250	250	218	198
10	30	49	52	50	27.1
3	8	14	15	15	10.4
<1.4	<1.4	<1.4	BDL	BDL	Nil
7.81	8.16	7.42	6.85	7	7.45
28	28.8	28.4	28.6	27.2	26
26	44	56	67	43	28
128	52	310	268	180	122
10	40	54	56	50	43
2.4	15	16	15	16	17
<1.4	<1.4	<2	<2	1.4	2
24	22.6	175	149.5	68	13
14.57	11.38	18.58	17.75	13.81	24
BDL	BDL	BDL	BDL	BDL	Nil
BDL	BDL	BDL	BDL	BDL	Nil
<0.01	<0.01	<0.01	<0.01	<0.02	Nil
0.005	0.005	0.005	0.004	0.003	Nil
<0.1	<0.1	<0.1	<0.13	<0.15	Nil
<0.01	<0.01	<0.01	<0.01	<0.03	Nil
7.18	7.84	7.84	6.64	6.67	7.87
38	38	41	46	48	32
388	360	374	302	210	326
10	66	73	71	80	65
2	20	22	21	22	26
<1.4	<1.4	<1.5	BDL	BDL	Nil