

INDIAN RAYON
A UNIT OF ADITYA BIRLA NUVO LIMITED,
VERAVAL.
STACK SAMPLING REPORT

MONTH :- April-11

Sr.no.	Stack Location.	Type of pollutent.	Unit	Analysis Result	
				Sampling Date	Sampling Date
1	Sulphuric Acid Plant. (DCDA)	SO2	Kgs / MT of 100 % H2SO4	6/04/2011 0.26	25/04/2011 0.18
		Acid Mist	mg/Nm ³	24.5	24.5
2	Sulphuric Acid Plant. (SCSA)	SO2	Kgs / MT of 100 % H2SO4	UNDER SHUTDOWN	UNDER SHUTDOWN
		Acid Mist	mg/Nm ³		
3	Boiler no. 4 (Coal fired)	SPM	mg/Nm ³	14/4/2011 32.4	27/4/2011 79.2
		SOX	PPM	52	61
		NOX	PPM	1.2	2.0
4	Old Power Plant (Boiler No. 1 & 2)	SPM	mg/Nm ³	27/04/2011 35.4	
		SOX	PPM	93	
		NOX	PPM	1.8	
5	New Power Plant (Boiler No. 3)	SPM	mg/Nm ³	27/04/2011 46.1	
		SOX	PPM	88	
		NOX	PPM	1.5	
6	Coal Crushing Unit	SPM	mg/Nm ³	20/04/2011 84.4	
7	Rayon Process Stack. (a) Old	CS2 Emission	Kg/ton of fiber.	12/04/2011 192.6	26/04/2011 165.1
		H2S Emission	mg/Nm ³	30.6	30.6
	(b) New	CS2 Emission	Kg/ton of fiber.	12/04/2011 177.0	26/04/2011 162.1
		H2S Emission	mg/Nm ³	26.4	26.4
8	Hypochlorite Stack.	Cl2	mg/Nm ³	18/04/2011 0.190	28/04/2011 0.186
9	HCL Plant Stack	HCL Vapour & Mist	mg/Nm ³	18/04/2011 3.6	28/04/2011 3.2
		Chlorine	mg/Nm ³	0.44	0.48

N.D.= Not detectable.

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MONTH :- May-11

Sr.no.	Stack Location.	Type of pollutent.	Unit	Analysis Result	
				Sampling Date	Sampling Date
1	Sulphuric Acid Plant. (DCDA)	SO ₂	Kgs / MT of 100 % H ₂ SO ₄	11/05/2011 0.44	25/05/2011 0.36
		Acid Mist	mg/Nm ³	4.9	18.4
2	Sulphuric Acid Plant. (SCSA)	SO ₂	Kgs / MT of 100 % H ₂ SO ₄	11/05/2011 1.12	25/05/2011 0.31
		Acid Mist	mg/Nm ³	8.4	12.3
3	Boiler no. 4 (Coal fired)	SPM	mg/Nm ³	11/5/2011 45.6	26/5/2011 71.7
		SOX	PPM	78	80
		NOX	PPM	1.0	1.2
4	Old Power Plant (Boiler No. 1 & 2)	SPM	mg/Nm ³	28/05/2011 85.5	
		SOX	PPM	94	
		NOX	PPM	1.5	
5	New Power Plant (Boiler No. 3)	SPM	mg/Nm ³	27/05/2011 39	
		SOX	PPM	90	
		NOX	PPM	1.2	
6	Coal Crushing Unit	SPM	mg/Nm ³	19/05/2011 88.0	
7	Rayon Process Stack. (a) Old	CS ₂ Emission	Kg/ton of fiber.	13/05/2011 155.9	26/05/2011 146.7
		H ₂ S Emission	mg/Nm ³	30.1	25.8
	(b) New	CS ₂ Emission	Kg/ton of fiber.	13/05/2011 139.8	26/05/2011 167.7
		H ₂ S Emission	mg/Nm ³	25.8	30.1
8	Hypochlorite Stack.	Cl ₂	mg/Nm ³	15/05/2011 0.182	24/05/2011 0.176
9	HCL Plant Stack	HCL Vapour & Mist	mg/Nm ³	15/05/2011 3.1	24/05/2011 3.6
		Chlorine	mg/Nm ³	0.42	0.38

N.D.= Not detectable.

INDIAN RAYON
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STACK SAMPLING REPORT

MONTH :- June-11

Sr.no.	Stack Location.	Type of pollutent.	Unit	Analysis Result	
				Sampling Date	Sampling Date
1	Sulphuric Acid Plant. (DCDA)	SO ₂	Kg/MT of 100 % H ₂ SO ₄	10/06/2011 0.18	27/06/2011 0.28
		Acid Mist	mg/Nm ³	12.3	16.3
2	Sulphuric Acid Plant. (SCSA)	SO ₂	Kg/MT of 100 % H ₂ SO ₄	10/06/2011 0.40	27/06/2011 0.40
		Acid Mist	mg/Nm ³	12.3	6.2
3	Boiler no. 4 (Coal fired)	SPM	mg/Nm ³	13/6/2011 37.4	24/6/2011 32.2
		SOX	PPM	76	80
		NOX	PPM	1.5	1.7
4	Old Power Plant (Boiler No. 1 & 2)	SPM	mg/Nm ³	18/06/2011 78.5	
		SOX	PPM	90	
		NOX	PPM	2.0	
5	New Power Plant (Boiler No. 3)	SPM	mg/Nm ³	17/06/2011 118.4	
		SOX	PPM	92	
		NOX	PPM	1.8	
6	Coal Crushing Unit	SPM	mg/Nm ³	18/06/2011 92.8	
7	Rayon Process Stack. (a) Old	CS ₂ Emission	Kg/ton of fiber.	09/06/2011 155.9	29/06/2011 159.6
		H ₂ S Emission	mg/Nm ³	26.4	30.6
	(b) New	CS ₂ Emission	Kg/ton of fiber.	09/06/2011 186.4	29/06/2011 180.8
		H ₂ S Emission	mg/Nm ³	30.6	34.7
8	Hypochlorite Stack.	Cl ₂	mg/Nm ³	15/06/2011 0.180	30/06/2011 0.179
9	HCL Plant Stack	HCL Vapour & Mist	mg/Nm ³	15/06/2011 3.4	30/06/2011 3.2
		Chlorine	mg/Nm ³	0.385	0.380

N.D.= Not detectable.

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STACK SAMPLING REPORT

MONTH :- July-11

Sr.no.	Stack Location.	Type of pollutent.	Unit	Analysis Result	
				Sampling Date	Sampling Date
1	Sulphuric Acid Plant. (DCDA)	SO2	Kg/MT of 100 % H2SO4	12/07/2011 0.44	28/07/2011 0.20
		Acid Mist	mg/Nm ³	12.25	6.1
2	Sulphuric Acid Plant. (SCSA)	SO2	Kg/MT of 100 % H2SO4	12/07/2011 0.79	28/07/2011 0.75
		Acid Mist	mg/Nm ³	24.5	24.5
3	Boiler no. 4 (Coal fired)	SPM	mg/Nm ³	16/7/2011 29.7	25/7/2011 64.2
		SOX	PPM	76	89
		NOX	PPM	2.2	1.1
4	Old Power Plant (Boiler No. 1 & 2)	SPM	mg/Nm ³	27/07/2011 64.4	
		SOX	PPM	94	
		NOX	PPM	1.7	
5	New Power Plant (Boiler No. 3)	SPM	mg/Nm ³	27/07/2011 80.2	
		SOX	PPM	89	
		NOX	PPM	1.5	
6	Coal Crushing Unit	SPM	mg/Nm ³	25/07/2011 70.5	
7	Rayon Process Stack. (a) Old	CS2 Emission	Kg/ton of fiber.	11/07/2011 198.0	23/07/2011 154.7
		H2S Emission	mg/Nm ³	27.8	26.4
	(b) New	CS2 Emission	Kg/ton of fiber.	11/07/2011 191.4	23/07/2011 167.7
		H2S Emission	mg/Nm ³	34.7	30.6
8	Hypochlorite Stack.	Cl2	mg/Nm ³	9/07/2011 0.182	30/07/2011 0.180
9	HCL Plant Stack	HCL Vapour & Mist	mg/Nm ³	9/07/2011 3.0	30/07/2011 3.2
		Chlorine	mg/Nm ³	0.360	0.370

N.D.= Not detectable.

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STACK SAMPLING REPORT

MONTH :- August-11

Sr.no.	Stack Location.	Type of pollutent.	Unit	Analysis Result	
				Sampling Date	Sampling Date
1	Sulphuric Acid Plant. (DCDA)	SO2	Kg/MT of 100 % H2SO4	11/08/2011 0.63	27/08/2011 0.54
		Acid Mist	mg/Nm ³	NIL	5.6
2	Sulphuric Acid Plant. (SCSA)	SO2	Kg/MT of 100 % H2SO4	11/08/2011 0.79	27/08/2011 0.88
		Acid Mist	mg/Nm ³	8.4	12.3
3	Boiler no. 4 (Coal fired)	SPM	mg/Nm ³	13/8/2011 79.3	27/8/2011 102.4
		SOX	PPM	88	78
		NOX	PPM	1.4	1.2
4	Old Power Plant (Boiler No. 1 & 2)	SPM	mg/Nm ³	24/08/2011 45.6	
		SOX	PPM	92	
		NOX	PPM	1.6	
5	New Power Plant (Boiler No. 3)	SPM	mg/Nm ³	24/08/2011 70.9	
		SOX	PPM	90	
		NOX	PPM	1.8	
6	Coal Crushing Unit	SPM	mg/Nm ³	23/08/2011 60.6	
7	Rayon Process Stack. (a) Old	CS2 Emission	Kg/ton of fiber.	12/08/2011 159.6	28/08/2011 146.3
		H2S Emission	mg/Nm ³	26.4	26.4
	(b) New	CS2 Emission	Kg/ton of fiber.	12/08/2011 180.8	28/08/2011 165.3
		H2S Emission	mg/Nm ³	34.7	22.2
8	Hypochlorite Stack.	Cl2	mg/Nm ³	16/08/2011 0.182	31/08/2011 0.180
9	HCL Plant Stack	HCL Vapour & Mist	mg/Nm ³	16/08/2011 3.0	31/08/2011 3.2
		Chlorine	mg/Nm ³	0.360	0.380

N.D.= Not detectable.

INDIAN RAYON
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STACK SAMPLING REPORT

MONTH :- September-11

Sr.no.	Stack Location.	Type of pollutent.	Unit	Analysis Result	
				Sampling Date	Sampling Date
1	Sulphuric Acid Plant. (DCDA)	SO ₂	Kg/MT of 100 % H ₂ SO ₄	14/09/2011 0.44	28/09/2011 0.62
		Acid Mist	mg/Nm ³	16.3	10.6
2	Sulphuric Acid Plant. (SCSA)	SO ₂	Kg/MT of 100 % H ₂ SO ₄	14/09/2011 0.34	28/09/2011 0.54
		Acid Mist	mg/Nm ³	16.3	8.4
3	Boiler no. 4 (Coal fired)	SPM	mg/Nm ³	13/9/2011 62.3	30/9/2011 90.5
		SOX	PPM	90	85
		NOX	PPM	2.4	2.2
4	Old Power Plant (Boiler No. 1 & 2)	SPM	mg/Nm ³	29/09/2011 51.9	
		SOX	PPM	92	
		NOX	PPM	1.9	
5	New Power Plant (Boiler No. 3)	SPM	mg/Nm ³	27/9/2011 48.3	
		SOX	PPM	89	
		NOX	PPM	2.2	
6	Coal Crushing Unit	SPM	mg/Nm ³	20/09/2011 78.8	
7	Rayon Process Stack. (a) Old	CS ₂ Emission	Kg/ton of fiber.	14/09/2011 174.2	28/09/2011 192.6
		H ₂ S Emission	mg/Nm ³	34.7	34.7
	(b) New	CS ₂ Emission	Kg/ton of fiber.	14/09/2011 158.4	28/09/2011 186.4
		H ₂ S Emission	mg/Nm ³	30.6	18.6
8	Hypochlorite Stack.	Cl ₂	mg/Nm ³	8/09/2011 0.130	29/09/2011 0.150
9	HCL Plant Stack	HCL Vapour & Mist	mg/Nm ³	8/09/2011 3.8	29/09/2011 3.6
		Chlorine	mg/Nm ³	0.750	0.480

N.D.= Not detectable.

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MONTH :- October-11

Sr.no.	Stack Location.	Type of pollutent.	Unit	Analysis Result	
				Sampling Date	Sampling Date
1	Sulphuric Acid Plant. (DCDA)	SO ₂	Kg/MT of 100 % H ₂ SO ₄	7/10/2011 0.57	25/10/2011 0.84
		Acid Mist	mg/Nm ³	8.2	10.6
2	Sulphuric Acid Plant. (SCSA)	SO ₂	Kg/MT of 100 % H ₂ SO ₄	7/10/2011 0.50	25/10/2011 0.91
		Acid Mist	mg/Nm ³	15.7	12.5
3	Boiler no. 4 (Coal fired)	SPM	mg/Nm ³	13/10/2011 58.0	28/10/2011 50.3
		SOX	PPM	86	89
		NOX	PPM	2.4	1.8
4	Old Power Plant (Boiler No. 1 & 2)	SPM	mg/Nm ³	25/10/2011 26.3	
		SOX	PPM	89	
		NOX	PPM	1.9	
5	New Power Plant (Boiler No. 3)	SPM	mg/Nm ³	24/10/2011 34.2	
		SOX	PPM	92	
		NOX	PPM	2.1	
6	Coal Crushing Unit	SPM	mg/Nm ³	22/10/2011 58.8	
7	Rayon Process Stack. (a) Old	CS ₂ Emission	Kg/ton of fiber.	11/10/2011 150.4	26/10/2011 165.1
		H ₂ S Emission	mg/Nm ³	26.4	30.6
	(b) New	CS ₂ Emission	Kg/ton of fiber.	11/10/2011 199.4	26/10/2011 162.1
		H ₂ S Emission	mg/Nm ³	26.4	23.6
8	Hypochlorite Stack.	Cl ₂	mg/Nm ³	10/10/2011 0.14	21/10/2011 0.12
9	HCL Plant Stack	HCL Vapour & Mist	mg/Nm ³	10/10/2011 3.2	21/10/2011 3.4
		Chlorine	mg/Nm ³	0.32	0.20

N.D.= Not detectable.

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MONTH :- November-11

Sr.no.	Stack Location.	Type of pollutent.	Unit	Analysis Result	
				Sampling Date	Sampling Date
1	Sulphuric Acid Plant. (DCDA)	SO ₂	Kg/MT of 100 % H ₂ SO ₄	10/11/2011 0.42	24/11/2011 0.56
		Acid Mist	mg/Nm ³	32.6	16.3
2	Sulphuric Acid Plant. (SCSA)	SO ₂	Kg/MT of 100 % H ₂ SO ₄	10/11/2011 0.66	24/11/2011 0.71
		Acid Mist	mg/Nm ³	6.13	12.2
3	Boiler no. 4 (Coal fired)	SPM	mg/Nm ³	12/11/2011 61.7	21/11/2011 27.8
		SOX	PPM	90	88
		NOX	PPM	1.8	2.2
4	Old Power Plant (Boiler No. 1 & 2)	SPM	mg/Nm ³	23/11/2011 66.3	
		SOX	PPM	92	
		NOX	PPM	1.8	
5	New Power Plant (Boiler No. 3)	SPM	mg/Nm ³	23/11/2011 40.6	
		SOX	PPM	90	
		NOX	PPM	1.6	
6	Coal Crushing Unit	SPM	mg/Nm ³	24/11/2011 60.4	
7	Rayon Process Stack. (a) Old	CS ₂ Emission	Kg/ton of fiber.	9/11/2011 210.9	21/11/2011 154.7
		H ₂ S Emission	mg/Nm ³	30.6	34.7
	(b) New	CS ₂ Emission	Kg/ton of fiber.	9/11/2011 147.2	21/11/2011 204.8
		H ₂ S Emission	mg/Nm ³	26.4	38.9
8	Hypochlorite Stack.	Cl ₂	mg/Nm ³	11/11/2011 0.135	23/11/2011 0.150
9	HCL Plant Stack	HCL Vapour & Mist	mg/Nm ³	11/11/2011 3.2	23/11/2011 3.6
		Chlorine	mg/Nm ³	0.26	0.46

N.D.= Not detectable.

INDIAN RAYON
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MONTH :- December-11

Sr.no.	Stack Location.	Type of pollutent.	Unit	Analysis Result	
				Sampling Date	Sampling Date
1	Sulphuric Acid Plant. (DCDA)	SO ₂	Kg/MT of 100 % H ₂ SO ₄	10/12/2011 0.65	31/12/2011 0.44
		Acid Mist	mg/Nm ³	24.5	12.3
2	Sulphuric Acid Plant. (SCSA)	SO ₂	Kg/MT of 100 % H ₂ SO ₄	10/12/2011 0.95	31/12/2011 0.56
		Acid Mist	mg/Nm ³	24.50	12.3
3	Boiler no. 4 (Coal fired)	SPM	mg/Nm ³	12/12/2011 44.5	30/12/2011 35.5
		SOX	PPM	90	92
		NOX	PPM	1.8	2.4
4	Old Power Plant (Boiler No. 1 & 2)	SPM	mg/Nm ³	23/12/2011 46.5	
		SOX	PPM	87	
		NOX	PPM	1.4	
5	New Power Plant (Boiler No. 3)	SPM	mg/Nm ³	23/12/2011 45.3	
		SOX	PPM	91	
		NOX	PPM	1.2	
6	Coal Crushing Unit	SPM	mg/Nm ³	20/12/2011 72.2	
7	Rayon Process Stack. (a) Old	CS ₂ Emission	Kg/ton of fiber.	8/12/2011 196.2	31/12/2011 174.2
		H ₂ S Emission	mg/Nm ³	26.4	30.6
	(b) New	CS ₂ Emission	Kg/ton of fiber.	8/12/2011 162.1	31/12/2011 171.5
		H ₂ S Emission	mg/Nm ³	22.2	26.4
8	Hypochlorite Stack.	Cl ₂	mg/Nm ³	12/12/2011 0.170	27/12/2011 0.150
9	HCL Plant Stack	HCL Vapour & Mist	mg/Nm ³	12/12/2011 3.8	27/12/2011 3.6
		Chlorine	mg/Nm ³	0.36	0.42

N.D.= Not detectable.

INDIAN RAYON
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STACK SAMPLING REPORT

MONTH :- January-12

Sr.no.	Stack Location.	Type of pollutent.	Unit	Analysis Result	
				Sampling Date	Sampling Date
1	Sulphuric Acid Plant. (DCDA)	SO ₂	Kg/MT of 100 % H ₂ SO ₄	5/1/2012 0.84	Under
		Acid Mist	mg/Nm ³	8.4	Shut down
2	Sulphuric Acid Plant. (SCSA)	SO ₂	Kg/MT of 100 % H ₂ SO ₄	01-12-2012 0.55	24/1/2012 0.42
		Acid Mist	mg/Nm ³	18.4	24.5
3	Boiler no. 4 (Coal fired)	SPM	mg/Nm ³	11/1/2012 35.5	25/1/2012 88.7
		SOX	PPM	90	81
		NOX	PPM	1.1	2.8
4	Old Power Plant (Boiler No. 1 & 2)	SPM	mg/Nm ³	17/1/2012 97.1	
		SOX	PPM	94	
		NOX	PPM	1.4	
5	New Power Plant (Boiler No. 3)	SPM	mg/Nm ³	17/1/2012 31.7	
		SOX	PPM	88	
		NOX	PPM	2.0	
6	Coal Crushing Unit	SPM	mg/Nm ³	18/1/2012 48.8	
7	Rayon Process Stack. (a) Old	CS ₂ Emission	Kg/ton of fiber.	9/1/2012 150.4	23/1/2012 210.9
		H ₂ S Emission	mg/Nm ³	26.4	34.7
	(b) New	CS ₂ Emission	Kg/ton of fiber.	9/1/2012 180.8	23/1/2012 162.1
		H ₂ S Emission	mg/Nm ³	30.6	30.6
8	Hypochlorite Stack.	Cl ₂	mg/Nm ³	13/1/2012 0.158	24/1/2012 0.152
9	HCL Plant Stack	HCL Vapour & Mist	mg/Nm ³	13/1/2012 3.4	24/1/2012 3.7
		Chlorine	mg/Nm ³	0.38	0.34

ND = Not detectable.

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STACK SAMPLING REPORT

MONTH :- February-12

Sr.no.	Stack Location.	Type of pollutent.	Unit	Analysis Result	
				Sampling Date	Sampling Date
1	Sulphuric Acid Plant. (DCDA)	SO2	Kg/MT of 100 % H2SO4	3/2/2012 0.22	23/2/2012 0.11
		Acid Mist	mg/Nm ³	24.5	12.3
2	Sulphuric Acid Plant. (SCSA)	SO2	Kg/MT of 100 % H2SO4	02-04-2012 0.79	23/2/2012 0.49
		Acid Mist	mg/Nm ³	12.3	12.3
3	Boiler no. 4 (Coal fired)	SPM	mg/Nm ³	9/2/2012 80.6	28/2/2012 27.6
		SOX	PPM	84	84
		NOX	PPM	1.8	2.2
4	Old Power Plant (Boiler No. 1 & 2)	SPM	mg/Nm ³	22/2/2012 70.7	
		SOX	PPM	86	
		NOX	PPM	2.2	
5	New Power Plant (Boiler No. 3)	SPM	mg/Nm ³	22/2/2012 46.5	
		SOX	PPM	93	
		NOX	PPM	1.8	
6	Coal Crushing Unit	SPM	mg/Nm ³	15/2/2012 52.6	
7	Rayon Process Stack. (a) Old	CS2 Emission	Kg/ton of fiber.	6/2/2012 159.6	29/2/2012 174.2
		H2S Emission	mg/Nm ³	30.6	30.6
	(b) New	CS2 Emission	Kg/ton of fiber.	6/2/2012 176.2	29/2/2012 167.7
		H2S Emission	mg/Nm ³	26.4	26.4
8	Hypochlorite Stack.	Cl2	mg/Nm ³	7/2/2012 0.180	22/2/2012 0.165
9	HCL Plant Stack	HCL Vapour & Mist	mg/Nm ³	7/2/2012 3.6	22/2/2012 3.2
		Chlorine	mg/Nm ³	0.32	0.30

ND = Not detectable.

INDIAN RAYON
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STACK SAMPLING REPORT

MONTH :- **March-12**

Sr.no.	Stack Location.	Type of pollutent.	Unit	Analysis Result	
				Sampling Date	Sampling Date
1	Sulphuric Acid Plant. (DCDA)	SO2	Kg/MT of 100 % H2SO4	13/3/2012 0.36	28/3/2012 0.91
		Acid Mist	mg/Nm ³	24.5	8.4
2	Sulphuric Acid Plant. (SCSA)	SO2	Kg/MT of 100 % H2SO4	13/3/2012 0.55	28/3/2012 0.79
		Acid Mist	mg/Nm ³	18.4	10.6
3	Boiler no. 4 (Coal fired)	SPM	mg/Nm ³	14/3/2012 56.7	28/3/2012 42.8
		SOX	PPM	92	67
		NOX	PPM	2.2	1.7
4	Old Power Plant (Boiler No. 1 & 2)	SPM	mg/Nm ³	23/3/2012 44.5	
		SOX	PPM	92	
		NOX	PPM	2.1	
5	New Power Plant (Boiler No. 3)	SPM	mg/Nm ³	23/3/2012 22.7	
		SOX	PPM	89	
		NOX	PPM	2.0	
6	Coal Crushing Unit	SPM	mg/Nm ³	20/3/2012 80.5	
7	Rayon Process Stack. (a) Old	CS2 Emission	Kg/ton of fiber.	14/3/2012 155.9	24/3/2012 196.2
		H2S Emission	mg/Nm ³	30.6	30.6
	(b) New	CS2 Emission	Kg/ton of fiber.	14/3/2012 195.7	24/3/2012 180.8
		H2S Emission	mg/Nm ³	34.7	26.4
8	Hypochlorite Stack.	Cl2	mg/Nm ³	15/3/2012 0.160	31/3/2012 0.162
9	HCL Plant Stack	HCL Vapour & Mist	mg/Nm ³	15/3/2012 3.1	31/3/2012 3.3
		Chlorine	mg/Nm ³	0.36	0.34

ND = Not detectable.

INDIAN RAYON
A UNIT OF ADITYA BIRLA NUVO LIMITED,
VERAVAL.
STACK SAMPLING REPORT

MONTH :- April-12

Sr.no.	Stack Location.	Type of pollutent.	Unit	Analysis Result	
				Sampling Date	Sampling Date
1	Sulphuric Acid Plant. (DCDA)	SO2	Kg/MT of 100 % H2SO4	5/4/2012 0.44	26/4/2012 0.84
		Acid Mist	mg/Nm ³	10.6	32.6
2	Sulphuric Acid Plant. (SCSA)	SO2	Kg/MT of 100 % H2SO4	5/4/2012 0.40	UNDER SHUTDOWN
		Acid Mist	mg/Nm ³	16.3	
3	Boiler no. 4 (Coal fired)	SPM	mg/Nm ³	12/4/2012 58.6	25/4/2012 67.5
		SOX	PPM	72	84
		NOX	PPM	2.4	2.5
4	Old Power Plant (Boiler No. 1 & 2)	SPM	mg/Nm ³	24/4/2012 49.6	
		SOX	PPM	89	
		NOX	PPM	2.5	
5	New Power Plant (Boiler No. 3)	SPM	mg/Nm ³	24/4/2012 52.4	
		SOX	PPM	94	
		NOX	PPM	3.0	
6	Coal Crushing Unit	SPM	mg/Nm ³	20/4/2012 78.2	
7	Rayon Process Stack. (a) Old	CS2 Emission	Kg/ton of fiber.	13/4/2012 196.2	28/4/2012 154.7
		H2S Emission	mg/Nm ³	34.7	26.4
	(b) New	CS2 Emission	Kg/ton of fiber.	13/4/2012 162.1	28/4/2012 147.2
		H2S Emission	mg/Nm ³	30.6	38.9
8	Hypochlorite Stack.	Cl2	mg/Nm ³	14/4/2012 0.158	29/4/2012 0.154
9	HCL Plant Stack	HCL Vapour & Mist	mg/Nm ³	14/4/2012 3.0	29/4/2012 3.4
		Chlorine	mg/Nm ³	0.38	0.39

ND = Not detectable.

INDIAN RAYON
A UNIT OF ADITYA BIRLA NUVO LIMITED,
VERAVAL.
STACK SAMPLING REPORT

MONTH :- May-12

Sr.no.	Stack Location.	Type of pollutent.	Unit	Analysis Result	
				Sampling Date	Sampling Date
1	Sulphuric Acid Plant. (DCDA)	SO2	Kg/MT of 100 % H2SO4	7/5/2012 0.91	29/5/2012 0.63
		Acid Mist	mg/Nm ³	8.4	12.3
2	Sulphuric Acid Plant. (SCSA)	SO2 Acid Mist	Kg/MT of 100 % H2SO4 mg/Nm ³	UNDER SHUTDOWN	UNDER SHUTDOWN
3	Boiler no. 4 (Coal fired)	SPM	mg/Nm ³	11/5/2012 55.4	29/5/2012 80.3
		SOX	PPM	61	89
		NOX	PPM	10.8	4.4
4	Old Power Plant (Boiler No. 1 & 2)	SPM	mg/Nm ³	30/5/2012 28.1	
		SOX	PPM	87	
		NOX	PPM	2.7	
5	New Power Plant (Boiler No. 3)	SPM	mg/Nm ³	23/5/2012 23.4	
		SOX	PPM	61	
		NOX	PPM	1.7	
6	Coal Crushing Unit	SPM	mg/Nm ³	29/5/2012 89.6	
7	Rayon Process Stack. (a) Old	CS2 Emission	Kg/ton of fiber.	12/5/2012 205.4	29/5/2012 174.2
		H2S Emission	mg/Nm ³	30.6	26.4
	(b) New	CS2 Emission	Kg/ton of fiber.	12/5/2012 200.7	29/5/2012 178.9
		H2S Emission	mg/Nm ³	29.2	16.7
8	Hypochlorite Stack.	Cl2	mg/Nm ³	14/5/2012 0.158	24/5/2012 0.156
9	HCL Plant Stack	HCL Vapour & Mist	mg/Nm ³	14/5/2012 3.6	24/5/2012 3.8
		Chlorine	mg/Nm ³	0.48	1.30

ND = Not detectable.

INDIAN RAYON
A UNIT OF ADITYA BIRLA NUVO LIMITED,
VERAVAL.
STACK SAMPLING REPORT

MONTH :- June-12

Sr.no.	Stack Location.	Type of pollutent.	Unit	Analysis Result	
				Sampling Date	Sampling Date
1	Sulphuric Acid Plant. (DCDA)	SO2	Kg/MT of 100 % H2SO4	7/6/2012 0.44	22/6/2012 1.18
		Acid Mist	mg/Nm ³	15.7	12.3
2	Sulphuric Acid Plant. (SCSA)	SO2	Kg/MT of 100 % H2SO4	UNDER SHUTDOWN	22/6/2012 0.30
		Acid Mist	mg/Nm ³		6.8
3	Boiler no. 4 (Coal fired)	SPM	mg/Nm ³	9/6/2012 90.5	26/6/2012 40.6
		SOX	PPM	82	61
		NOX	PPM	3.2	1.9
4	Old Power Plant (Boiler No. 1 & 2)	SPM	mg/Nm ³	06-07-2012 99.6	
		SOX	PPM	88	
		NOX	PPM	2.8	
5	New Power Plant (Boiler No. 3)	SPM	mg/Nm ³	06-07-2012 67.4	
		SOX	PPM	92	
		NOX	PPM	12.7	
6	Coal Crushing Unit	SPM	mg/Nm ³	29/6/2012 65.3	
7	Rayon Process Stack. (a) Old	CS2 Emission	Kg/ton of fiber.	12/6/2012 159.6	27/6/2012 137.5
		H2S Emission	mg/Nm ³	30.6	26.4
	(b) New	CS2 Emission	Kg/ton of fiber.	12/6/2012 186.4	27/6/2012 166.5
		H2S Emission	mg/Nm ³	22.2	23.6
8	Hypochlorite Stack.	Cl2	mg/Nm ³	15/6/2012 0.162	30/6/2012 0.160
9	HCL Plant Stack	HCL Vapour & Mist	mg/Nm ³	15/6/2012 3.2	30/6/2012 3.6
		Chlorine	mg/Nm ³	0.50	0.46

ND = Not detectable.

INDIAN RAYON
A UNIT OF ADITYA BIRLA NUVO LIMITED,
VERAVAL.
STACK SAMPLING REPORT

MONTH :- July-12

Sr.no.	Stack Location.	Type of pollutent.	Unit	Analysis Result	
				Sampling Date	Sampling Date
1	Sulphuric Acid Plant. (DCDA)	SO2	Kg/MT of 100 % H2SO4	6/7/2012 0.44	23/7/2012 0.11
		Acid Mist	mg/Nm ³	16.3	6.2
2	Sulphuric Acid Plant. (SCSA)	SO2	Kg/MT of 100 % H2SO4	6/7/2012 0.68	23/7/2012 0.36
		Acid Mist	mg/Nm ³	12.3	8.4
3	Boiler no. 4 (Coal fired)	SPM	mg/Nm ³	11/7/2012 32.6	28/7/2012 60.5
		SOX	PPM	55	78
		NOX	PPM	6.1	2.9
4	Old Power Plant (Boiler No. 1 & 2)	SPM	mg/Nm ³	25/7/2012 89.3	
		SOX	PPM	94	
		NOX	PPM	5.7	
5	New Power Plant (Boiler No. 3)	SPM	mg/Nm ³	26/7/2012 63.8	
		SOX	PPM	90	
		NOX	PPM	4.6	
6	Coal Crushing Unit	SPM	mg/Nm ³	24/7/2012 82.3	
7	(a) Old	CS2 Emission	Kg/ton of fiber.	10/7/2012 192.6	31/7/2012 190.7
		H2S Emission	mg/Nm ³	23.6	26.4
	(b) New	CS2 Emission	Kg/ton of fiber.	10/7/2012 154.7	31/7/2012 175.2
		H2S Emission	mg/Nm ³	22.2	16.7
8	Hypochlorite Stack.	Cl2	mg/Nm ³	15/7/2012 0.154	31/7/2012 0.150
9	HCL Plant Stack	HCL Vapour & Mist	mg/Nm ³	15/7/2012 3.4	31/7/2012 3.2
		Chlorine	mg/Nm ³	0.40	0.36

ND = Not detectable.

INDIAN RAYON
A UNIT OF ADITYA BIRLA NUVO LIMITED,
VERAVAL.
STACK SAMPLING REPORT

MONTH :- August-12

Sr.no.	Stack Location.	Type of pollutent.	Unit	Analysis Result	
				Sampling Date	Sampling Date
1	Sulphuric Acid Plant. (DCDA)	SO2	Kg/MT of 100 % H2SO4	10/8/2012 0.91	25/8/2012 0.36
		Acid Mist	mg/Nm ³	12.6	20.6
2	Sulphuric Acid Plant. (SCSA)	SO2	Kg/MT of 100 % H2SO4	10/8/2012 0.47	25/8/2012 0.44
		Acid Mist	mg/Nm ³	18.4	15.4
3	Boiler no. 4 (Coal fired)	SPM	mg/Nm ³	14/8/2012 61.2	25/8/2012 70.6
		SOX	PPM	61	68
		NOX	PPM	6.1	5.4
4	Old Power Plant (Boiler No. 1 & 2)	SPM	mg/Nm ³	28/8/2012 45.6	
		SOX	PPM	95	
		NOX	PPM	4.6	
5	New Power Plant (Boiler No. 3)	SPM	mg/Nm ³	28/8/2012 56.8	
		SOX	PPM	89	
		NOX	PPM	3.4	
6	Coal Crushing Unit	SPM	mg/Nm ³	15/8/2012 90.4	
7	Rayon Process Stack. (a) Old	CS2 Emission	Kg/ton of fiber.	13/8/2012 205.3	27/8/2012 174.2
		H2S Emission	mg/Nm ³	11.1	26.4
	(b) New	CS2 Emission	Kg/ton of fiber.	13/8/2012 162.3	27/8/2012 204.8
		H2S Emission	mg/Nm ³	16.7	23.6
8	Hypochlorite Stack.	Cl2	mg/Nm ³	8/8/2012 0.168	24/8/2012 0.183
9	HCL Plant Stack	HCL Vapour & Mist	mg/Nm ³	8/8/2012 3.8	24/8/2012 3.6
		Chlorine	mg/Nm ³	1.06	0.82

ND = Not detectable.

INDIAN RAYON
A UNIT OF ADITYA BIRLA NUVO LIMITED,
VERAVAL.
STACK SAMPLING REPORT

MONTH :- September-12

Sr.no.	Stack Location.	Type of pollutent.	Unit	Analysis Result	
				Sampling Date	Sampling Date
1	Sulphuric Acid Plant. (DCDA)	SO2	Kg/MT of 100 % H2SO4	8/9/2012 0.59	24/9/2012 0.91
		Acid Mist	mg/Nm ³	30.6	36.8
2	Sulphuric Acid Plant. (SCSA)	SO2	Kg/MT of 100 % H2SO4	8/9/2012 0.68	24/9/2012 0.79
		Acid Mist	mg/Nm ³	20.0	12.6
3	Boiler no. 4 (Coal fired)	SPM	mg/Nm ³	7/9/2012 54.8	28/9/2012 45.8
		SOX	PPM	72	61
		NOX	PPM	2.3	1.7
4	Old Power Plant (Boiler No. 1 & 2)	SPM	mg/Nm ³	29/9/2012 35.8	
		SOX	PPM	90	
		NOX	PPM	4.4	
5	New Power Plant (Boiler No. 3)	SPM	mg/Nm ³	29/9/2012 75.1	
		SOX	PPM	83	
		NOX	PPM	7.4	
6	Coal Crushing Unit	SPM	mg/Nm ³	14/9/2012 88.3	
7	Rayon Process Stack. (a) Old	CS2 Emission	Kg/ton of fiber.	5/9/2012 159.6	26/9/2012 196.2
		H2S Emission	mg/Nm ³	34.7	23.6
	(b) New	CS2 Emission	Kg/ton of fiber.	5/9/2012 186.4	26/9/2012 180.8
		H2S Emission	mg/Nm ³	30.6	22.2
8	Hypochlorite Stack.	Cl2	mg/Nm ³	15/9/2012 0.180	26/9/2012 0.182
9	HCL Plant Stack	HCL Vapour & Mist	mg/Nm ³	15/9/2012 3.8	26/9/2012 3.6
		Chlorine	mg/Nm ³	1.60	0.52

ND = Not detectable.

INDIAN RAYON
A UNIT OF ADITYA BIRLA NUVO LIMITED,
VERAVAL.
STACK SAMPLING REPORT

MONTH :- October-12

Sr.no.	Stack Location.	Type of pollutent.	Unit	Analysis Result	
				Sampling Date	Sampling Date
1	Sulphuric Acid Plant. (DCDA)	SO2	Kg/MT of 100 % H2SO4	13/10/2012 0.44	27/10/2012 0.91
		Acid Mist	mg/Nm ³	12.3	15.2
2	Sulphuric Acid Plant. (SCSA)	SO2	Kg/MT of 100 % H2SO4	13/10/2012 0.59	27/10/2012 0.79
		Acid Mist	mg/Nm ³	24.5	14.4
3	Boiler no. 4 (Coal fired)	SPM	mg/Nm ³	5/10/2012 52.6	29/10/2012 68.4
		SOX	PPM	70	73
		NOX	PPM	2.5	18.4
4	Old Power Plant (Boiler No. 1 & 2)	SPM	mg/Nm ³	31/10/2012 67.4	
		SOX	PPM	90	
		NOX	PPM	2.5	
5	New Power Plant (Boiler No. 3)	SPM	mg/Nm ³	30/10/2012 24.6	
		SOX	PPM	93	
		NOX	PPM	22.0	
6	Coal Crushing Unit	SPM	mg/Nm ³	15/10/2012 69.3	
7	Rayon Process Stack. (a) Old	CS2 Emission	Kg/ton of fiber.	12/10/2012 168.7	25/10/2012 178.5
		H2S Emission	mg/Nm ³	30.6	34.7
	(b) New	CS2 Emission	Kg/ton of fiber.	12/10/2012 152.8	25/10/2012 129.2
		H2S Emission	mg/Nm ³	26.4	29.2
8	Hypochlorite Stack.	Cl2	mg/Nm ³	5/10/2012 0.194	24/10/2012 0.190
9	HCL Plant Stack	HCL Vapour & Mist	mg/Nm ³	5/10/2012 3.2	24/10/2012 3.4
		Chlorine	mg/Nm ³	0.75	0.78

ND = Not detectable.

INDIAN RAYON
A UNIT OF ADITYA BIRLA NUVO LIMITED,
VERAVAL.
STACK SAMPLING REPORT

MONTH :- November-12

Sr.no.	Stack Location.	Type of pollutent.	Unit	Analysis Result	
				Sampling Date	Sampling Date
1	Sulphuric Acid Plant. (DCDA)	SO2	Kg/MT of 100 % H2SO4	6/11/2012 0.91	29/11/2012 1.07
		Acid Mist	mg/Nm ³	12.3	16.3
2	Sulphuric Acid Plant. (SCSA)	SO2	Kg/MT of 100 % H2SO4	6/11/2012 0.79	29/11/2012 0.51
		Acid Mist	mg/Nm ³	8.4	22.4
3	Boiler no. 4 (Coal fired)	SPM	mg/Nm ³	12/11/2012 60.8	21/11/2012 56.8
		SOX	PPM	70	67
		NOX	PPM	4.0	3.2
4	Old Power Plant (Boiler No. 1 & 2)	SPM	mg/Nm ³	23/11/2012 24.2	
		SOX	PPM	89	
		NOX	PPM	3.8	
5	New Power Plant (Boiler No. 3)	SPM	mg/Nm ³	22/11/2012 46.4	
		SOX	PPM	76	
		NOX	PPM	4.1	
6	Coal Crushing Unit	SPM	mg/Nm ³	14/11/2012 64.4	
7	Rayon Process Stack. (a) Old	CS2 Emission	Kg/ton of fiber.	5/11/2012 196.2	20/11/2012 177.9
		H2S Emission	mg/Nm ³	30.6	22.2
	(b) New	CS2 Emission	Kg/ton of fiber.	5/11/2012 204.8	20/11/2012 162.1
		H2S Emission	mg/Nm ³	22.2	16.7
8	Hypochlorite Stack.	Cl2	mg/Nm ³	7/11/2012 0.186	21/11/2012 0.196
9	HCL Plant Stack	HCL Vapour & Mist	mg/Nm ³	7/11/2012 3.6	21/11/2012 3.4
		Chlorine	mg/Nm ³	0.80	0.63

ND = Not detectable.

INDIAN RAYON
A UNIT OF ADITYA BIRLA NUVO LIMITED,
VERAVAL.
STACK SAMPLING REPORT

Month :- December-12

Sr.no.	Stack Location.	Type of pollutent.	Unit	Analysis Result	
				Sampling Date	Sampling Date
1	Sulphuric Acid Plant. (DCDA)	SO2	Kg/MT of 100 % H2SO4	4/12/2012 0.68	26/12/2012 1.02
		Acid Mist	mg/Nm ³	36.8	30.6
2	Sulphuric Acid Plant. (SCSA)	SO2	Kg/MT of 100 % H2SO4	4/12/2012 0.60	26/12/2012 0.58
		Acid Mist	mg/Nm ³	40.0	18.4
3	Boiler no. 4 (Coal fired)	SPM	mg/Nm ³	13/12/2012 107.2	27/12/2012 58
		SOX	PPM	83	86
		NOX	PPM	2.8	8.4
4	Old Power Plant (Boiler No. 1 & 2)	SPM	mg/Nm ³	29/12/2012 82.3	
		SOX	PPM	70	
		NOX	PPM	1.7	
5	New Power Plant (Boiler No. 3)	SPM	mg/Nm ³	28/12/2012 62.9	
		SOX	PPM	76	
		NOX	PPM	2.4	
6	Coal Crushing Unit	SPM	mg/Nm ³	30/12/2012 80.5	
7	(a) Old	CS2 Emission	Kg/ton of fiber.	11/12/2012 104.5	27/12/2012 150.4
		H2S Emission	mg/Nm ³	22.2	26.4
	(b) New	CS2 Emission	Kg/ton of fiber.	11/12/2012 124.9	27/12/2012 199.4
		H2S Emission	mg/Nm ³	26.4	30.6
8	Hypochlorite Stack.	Cl2	mg/Nm ³	10/12/2012 0.168	26/12/2012 0.191
9	HCL Plant Stack	HCL Vapour & Mist	mg/Nm ³	10/12/2012 3.2	26/12/2012 4.0
		Chlorine	mg/Nm ³	0.16	0.19

ND = Not detectable.

INDIAN RAYON
A UNIT OF ADITYA BIRLA NUVO LIMITED,
VERAVAL.
STACK SAMPLING REPORT

Month : January - 2013

Sr.no.	Stack Location.	Type of pollutent.	Unit	Analysis Result	
				Sampling Date	Sampling Date
1	Sulphuric Acid Plant. (DCDA)	SO2	Kg/MT of 100 % H2SO4	7/1/2013 0.71	Under Annual Shutdown
		Acid Mist	mg/Nm ³	12.3	
2	Sulphuric Acid Plant. (SCSA)	SO2	Kg/MT of 100 % H2SO4	7/1/2013 0.55	25/1/2013 0.84
		Acid Mist	mg/Nm ³	12.3	14.4
3	Boiler no. 4 (Coal fired)	SPM	mg/Nm ³	15/1/2013 126.9	31/1/2013 77
		SOX	PPM	64.0	64
		NOX	PPM	8.0	4.6
4	Old Power Plant (Boiler No. 1 & 2)	SPM	mg/Nm ³	30/1/2013 57.5	
		SOX	PPM	86	
		NOX	PPM	1.9	
5	New Power Plant (Boiler No. 3)	SPM	mg/Nm ³	29/1/2013 25.4	
		SOX	PPM	89	
		NOX	PPM	2.4	
6	Coal Crushing Unit	SPM	mg/Nm ³	22/1/2013 88.6	
7	Rayon Process Stack. (a) Old	CS2 Emission	Kg/ton of fiber.	14/1/2013 177.1	30/1/2013 196.2
		H2S Emission	mg/Nm ³	34.7	30.6
	(b) New	CS2 Emission	Kg/ton of fiber.	14/1/2013 182.6	30/1/2013 162.1
		H2S Emission	mg/Nm ³	27.8	26.4
8	Hypochlorite Stack.	Cl2	mg/Nm ³	15/1/2013 0.189	28/1/2013 0.187
9	HCL Plant Stack	HCL Vapour & Mist	mg/Nm ³	15/1/2013 3.8	28/1/2013 4.6
		Chlorine	mg/Nm ³	0.180	0.186

ND = Not detectable.

INDIAN RAYON
A UNIT OF ADITYA BIRLA NUVO LIMITED,
VERAVAL.
STACK SAMPLING REPORT

Month : February - 2013

Sr.no.	Stack Location.	Type of pollutent.	Unit	Analysis Result	
				Sampling Date	Sampling Date
1	Sulphuric Acid Plant. (DCDA)	SO2	Kg/MT of 100 % H2SO4	12/2/2013 0.84	26/2/2013 0.63
		Acid Mist	mg/Nm ³	20.6	24.5
2	Sulphuric Acid Plant. (SCSA)	SO2	Kg/MT of 100 % H2SO4	12/2/2013 0.79	26/2/2013 1.12
		Acid Mist	mg/Nm ³	6.2	12.3
3	Boiler no. 4 (Coal fired)	SPM	mg/Nm ³	13/2/2013 69.3	23/2/2013 83.5
		SOX	PPM	70.0	86.0
		NOX	PPM	2.8	3.4
4	Old Power Plant (Boiler No. 1 & 2)	SPM	mg/Nm ³	27/2/2013 69.7	
		SOX	PPM	61.0	
		NOX	PPM	4.2	
5	New Power Plant (Boiler No. 3)	SPM	mg/Nm ³	25/2/2013 69.9	
		SOX	PPM	92.0	
		NOX	PPM	3.8	
6	Coal Crushing Unit	SPM	mg/Nm ³	20/2/2013 90.5	
7	Rayon Process Stack. (a) Old	CS2 Emission	Kg/ton of fiber.	6/2/2013 174.2	20/2/2013 154.7
		H2S Emission	mg/Nm ³	18.6	22.2
	(b) New	CS2 Emission	Kg/ton of fiber.	6/2/2013 186.4	20/2/2013 171.5
		H2S Emission	mg/Nm ³	23.6	26.4
8	Hypochlorite Stack.	Cl2	mg/Nm ³	15/2/2013 0.185	28/2/2013 0.191
9	HCL Plant Stack	HCL Vapour & Mist	mg/Nm ³	15/2/2013 4.2	28/2/2013 4.4
		Chlorine	mg/Nm ³	0.210	0.320

ND = Not detectable.

INDIAN RAYON
A UNIT OF ADITYA BIRLA NUVO LIMITED,
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STACK SAMPLING REPORT

Month : March - 2013

Sr.no.	Stack Location.	Type of pollutent.	Unit	Analysis Result	
				Sampling Date	Sampling Date
1	Sulphuric Acid Plant. (DCDA)	SO ₂	Kg/MT of 100 % H ₂ SO ₄	6/3/2013 0.63	26/3/2013 0.49
		Acid Mist	mg/Nm ³	24.5	24.5
2	Sulphuric Acid Plant. (SCSA)	SO ₂	Kg/MT of 100 % H ₂ SO ₄	6/3/2013 0.40	26/3/2013 0.93
		Acid Mist	mg/Nm ³	18.8	24.5
3	Boiler no. 4 (Coal fired)	SPM	mg/Nm ³	9/3/2013 90.8	28/3/2013 53.6
		SOX	PPM	78.0	76.0
		NOX	PPM	2.8	4.3
4	Old Power Plant (Boiler No. 1 & 2)	SPM	mg/Nm ³	29/3/2013 68.8	
		SOX	PPM	94.0	
		NOX	PPM	2.0	
5	New Power Plant (Boiler No. 3)	SPM	mg/Nm ³	29/3/2013 71.5	
		SOX	PPM	90.0	
		NOX	PPM	3.3	
6	Coal Crushing Unit	SPM	mg/Nm ³	28/3/2013 78.4	
7	Rayon Process Stack. (a) Old	CS ₂ Emission	Kg/ton of fiber.	11/3/2013 159.6	28/3/2013 177.9
		H ₂ S Emission	mg/Nm ³	18.6	22.2
	(b) New	CS ₂ Emission	Kg/ton of fiber.	11/3/2013 171.5	28/3/2013 190.1
		H ₂ S Emission	mg/Nm ³	27.8	26.4
8	Hypochlorite Stack.	Cl ₂	mg/Nm ³	8/3/2013 0.187	22/3/2013 0.197
9	HCL Plant Stack	HCL Vapour & Mist	mg/Nm ³	8/3/2013 3.8	22/3/2013 3.6
		Chlorine	mg/Nm ³	0.190	0.230

ND = Not detectable.

INDIAN RAYON
A UNIT OF ADITYA BIRLA NUVO LIMITED,
VERAVAL.
STACK SAMPLING REPORT

Month : April - 2013

Sr.no.	Stack Location.	Type of pollutent.	Unit	Analysis Result	
				Sampling Date	Sampling Date
1	Sulphuric Acid Plant. (DCDA)	SO2	Kg/MT of 100 % H2SO4	11/4/2013 0.93	24/4/2013 1.21
		Acid Mist	mg/Nm ³	24.5	16.3
2	Sulphuric Acid Plant. (SCSA)	SO2	Kg/MT of 100 % H2SO4	Under	24/4/2013 0.50
		Acid Mist	mg/Nm ³	Annual Shutdown	16.3
3	Boiler no. 4 (Coal fired)	SPM	mg/Nm ³	12/4/2013 99.7	27/4/2013 109.0
		SOX	PPM	85.0	67.0
		NOX	PPM	5.3	6.1
4	Old Power Plant (Boiler No. 1 & 2)	SPM	mg/Nm ³	27/4/2013 23.7	
		SOX	PPM	67.0	
		NOX	PPM	2.0	
5	New Power Plant (Boiler No. 3)	SPM	mg/Nm ³	26/4/2013 110.8	
		SOX	PPM	82.0	
		NOX	PPM	2.5	
6	Coal Crushing Unit	SPM	mg/Nm ³	18/4/2013 80.8	
7	Rayon Process Stack. (a) Old	CS2 Emission	Kg/ton of fiber.	12/4/2013 199.9	26/4/2013 161.5
		H2S Emission	mg/Nm ³	30.6	34.7
	(b) New	CS2 Emission	Kg/ton of fiber.	12/4/2013 218.0	26/4/2013 171.5
		H2S Emission	mg/Nm ³	38.9	22.2
8	Hypochlorite Stack.	Cl2	mg/Nm ³	12/4/2013 0.196	17/4/2013 0.198
9	HCL Plant Stack	HCL Vapour & Mist	mg/Nm ³	12/4/2013 3.8	17/4/2013 3.6
		Chlorine	mg/Nm ³	0.210	0.220

ND = Not detectable.

INDIAN RAYON
A UNIT OF ADITYA BIRLA NUVO LIMITED,
VERAVAL.
STACK SAMPLING REPORT

Month : May - 2013

Sr.no.	Stack Location.	Type of pollutent.	Unit	Analysis Result	
				Sampling Date	Sampling Date
1	Sulphuric Acid Plant. (DCDA)	SO2	Kg/MT of 100 % H2SO4	7/5/2013 0.59	25/5/2013 0.68
		Acid Mist	mg/Nm ³	8.4	12.6
2	Sulphuric Acid Plant. (SCSA)	SO2	Kg/MT of 100 % H2SO4	7/5/2013 0.47	25/5/2013 0.79
		Acid Mist	mg/Nm ³	16.3	6.2
3	Boiler no. 4 (Coal fired)	SPM	mg/Nm ³	10/5/2013 86.6	20/5/2013 133.2
		SOX	PPM	88.0	70.0
		NOX	PPM	4.2	7.6
4	Old Power Plant (Boiler No. 1 & 2)	SPM	mg/Nm ³	27/5/2013 123.7	
		SOX	PPM	88.0	
		NOX	PPM	4.2	
5	New Power Plant (Boiler No. 3)	SPM	mg/Nm ³	27/5/2013 98.6	
		SOX	PPM	93.0	
		NOX	PPM	4.7	
6	Coal Crushing Unit	SPM	mg/Nm ³	20/5/2013 75.6	
7	Rayon Process Stack. (a) Old	CS2 Emission	Kg/ton of fiber.	10/5/2013 190.8	23/5/2013 159.6
		H2S Emission	mg/Nm ³	30.6	26.4
	(b) New	CS2 Emission	Kg/ton of fiber.	10/5/2013 176.4	23/5/2013 184.3
		H2S Emission	mg/Nm ³	26.4	30.6
8	Hypochlorite Stack.	Cl2	mg/Nm ³	6/5/2013 0.197	21/5/2013 0.174
9	HCL Plant Stack	HCL Vapour & Mist	mg/Nm ³	6/5/2013 3.4	21/5/2013 3.2
		Chlorine	mg/Nm ³	0.193	0.186

ND = Not detectable.

INDIAN RAYON
A UNIT OF ADITYA BIRLA NUVO LIMITED,
VERAVAL.
STACK SAMPLING REPORT

Month : JUNE - 2013

Sr.no.	Stack Location.	Type of pollutent.	Unit	Analysis Result	
				Sampling Date	Sampling Date
1	Sulphuric Acid Plant. (DCDA)	SO2	Kg/MT of 100 % H2SO4	8/6/2013 0.91	25/6/2013 0.43
		Acid Mist	mg/Nm ³	18.4	30.6
2	Sulphuric Acid Plant. (SCSA)	SO2	Kg/MT of 100 % H2SO4	8/6/2013 0.44	26/6/2013 0.50
		Acid Mist	mg/Nm ³	16.3	12.3
3	Boiler no. 4 (Coal fired)	SPM	mg/Nm ³	8/6/2013 102.4	22/6/2013 89.4
		SOX	PPM	68.0	74.0
		NOX	PPM	6.2	5.0
4	Old Power Plant (Boiler No. 1 & 2)	SPM	mg/Nm ³	27/6/2013 66.4	
		SOX	PPM	90.0	
		NOX	PPM	3.8	
5	New Power Plant (Boiler No. 3)	SPM	mg/Nm ³	27/6/2013 72.2	
		SOX	PPM	94.0	
		NOX	PPM	4.2	
6	Coal Crushing Unit	SPM	mg/Nm ³	18/6/2013 84.5	
7	Rayon Process Stack. (a) Old	CS2 Emission	Kg/ton of fiber.	12/6/2013 192.6	27/6/2013 210.9
		H2S Emission	mg/Nm ³	23.6	34.7
	(b) New	CS2 Emission	Kg/ton of fiber.	12/6/2013 171.5	27/6/2013 210.1
		H2S Emission	mg/Nm ³	18.6	27.8
8	Hypochlorite Stack.	Cl2	mg/Nm ³	5/6/2013 0.183	23/6/2013 0.185
9	HCL Plant Stack	HCL Vapour & Mist	mg/Nm ³	5/6/2013 3.6	23/6/2013 3.7
		Chlorine	mg/Nm ³	0.230	0.226

ND = Not detectable.

INDIAN RAYON
A UNIT OF ADITYA BIRLA NUVO LIMITED,
VERAVAL.
STACK SAMPLING REPORT

Month : JULY - 2013

Sr.no.	Stack Location.	Type of pollutent.	Unit	Analysis Result	
				Sampling Date	Sampling Date
1	Sulphuric Acid Plant. (DCDA)	SO2	Kg/MT of 100 % H2SO4	5/7/2013 1.07	28/7/2013 0.68
		Acid Mist	mg/Nm ³	14.4	24.5
2	Sulphuric Acid Plant. (SCSA)	SO2	Kg/MT of 100 % H2SO4	5/7/2013 0.47	28/7/2013 0.60
		Acid Mist	mg/Nm ³	15.4	22.4
3	Boiler no. 4 (Coal fired)	SPM	mg/Nm ³	6/7/2013 96.6	28/7/2013 104.4
		SOX	PPM	80.0	88.0
		NOX	PPM	4.4	5.6
4	Old Power Plant (Boiler No. 1 & 2)	SPM	mg/Nm ³	30/7/2013 90.4	
		SOX	PPM	88.0	
		NOX	PPM	2.8	
5	New Power Plant (Boiler No. 3)	SPM	mg/Nm ³	30/7/2013 80.6	
		SOX	PPM	85.0	
		NOX	PPM	3.2	
6	Coal Crushing Unit	SPM	mg/Nm ³	29/7/2013 68.8	
7	Rayon Process Stack. (a) Old	CS2 Emission	Kg/ton of fiber.	8/7/2013 150.4	30/7/2013 192.6
		H2S Emission	mg/Nm ³	30.6	22.2
	(b) New	CS2 Emission	Kg/ton of fiber.	8/7/2013 171.5	30/7/2013 162.1
		H2S Emission	mg/Nm ³	34.7	23.6
8	Hypochlorite Stack.	Cl2	mg/Nm ³	9/7/2013 0.180	23/7/2013 0.188
9	HCL Plant Stack	HCL Vapour & Mist	mg/Nm ³	9/7/2013 3.6	23/7/2013 3.4
		Chlorine	mg/Nm ³	0.223	0.243

ND = Not detectable.

INDIAN RAYON
A UNIT OF ADITYA BIRLA NUVO LIMITED,
VERAVAL.
STACK SAMPLING REPORT

Month : AUGUST - 2013

Sr.no.	Stack Location.	Type of pollutent.	Unit	Analysis Result	
				Sampling Date	Sampling Date
1	Sulphuric Acid Plant. (DCDA)	SO2	Kg/MT of 100 % H2SO4	7/8/2013 0.91	27/8/2013 0.93
		Acid Mist	mg/Nm ³	16.3	20.0
2	Sulphuric Acid Plant. (SCSA)	SO2	Kg/MT of 100 % H2SO4	7/8/2013 0.36	27/8/2013 0.55
		Acid Mist	mg/Nm ³	8.4	18.4
3	Boiler no. 4 (Coal fired)	SPM	mg/Nm ³	5/8/2013 108.0	26/8/2013 97.2
		SOX	PPM	80.0	92.0
		NOX	PPM	2.0	2.3
4	Old Power Plant (Boiler No. 1 & 2)	SPM	mg/Nm ³	30/8/2013 80.5	
		SOX	PPM	92.0	
		NOX	PPM	2.0	
5	New Power Plant (Boiler No. 3)	SPM	mg/Nm ³	30/8/2013 113.1	
		SOX	PPM	89.0	
		NOX	PPM	2.8	
6	Coal Crushing Unit	SPM	mg/Nm ³	31/8/2013 90.4	
7	Rayon Process Stack. (a) Old	CS2 Emission	Kg/ton of fiber.	8/8/2013 174.2	22/8/2013 155.7
		H2S Emission	mg/Nm ³	18.6	26.4
	(b) New	CS2 Emission	Kg/ton of fiber.	8/8/2013 191.4	22/8/2013 175.2
		H2S Emission	mg/Nm ³	26.4	27.8
8	Hypochlorite Stack.	Cl2	mg/Nm ³	11/8/2013 0.170	22/8/2013 0.188
9	HCL Plant Stack	HCL Vapour & Mist	mg/Nm ³	11/8/2013 3.2	22/8/2013 3.6
		Chlorine	mg/Nm ³	0.220	0.230

ND = Not detectable.

INDIAN RAYON
A UNIT OF ADITYA BIRLA NUVO LIMITED,
VERAVAL.
STACK SAMPLING REPORT

Month : SEPTEMBER - 2013

Sr.no.	Stack Location.	Type of pollutent.	Unit	Analysis Result	
				Sampling Date	Sampling Date
1	Sulphuric Acid Plant. (DCDA)	SO2	Kg/MT of 100 % H2SO4	12/9/2013 1.06	28/9/2013 0.59
		Acid Mist	mg/Nm ³	14.4	20.6
2	Sulphuric Acid Plant. (SCSA)	SO2	Kg/MT of 100 % H2SO4	12/9/2013 1.07	28/9/2013 0.44
		Acid Mist	mg/Nm ³	16.3	12.6
3	Boiler no. 4 (Coal fired)	SPM	mg/Nm ³	14/9/2013 90.8	28/9/2013 104.1
		SOX	PPM	86.0	84.0
		NOX	PPM	6.5	4.8
4	Old Power Plant (Boiler No. 1 & 2)	SPM	mg/Nm ³	30/9/2013 69.4	
		SOX	PPM	88.0	
		NOX	PPM	3.8	
5	New Power Plant (Boiler No. 3)	SPM	mg/Nm ³	30/9/2013 81.2	
		SOX	PPM	90.0	
		NOX	PPM	4.0	
6	Coal Crushing Unit	SPM	mg/Nm ³	20/9/2013 80.8	
7	Rayon Process Stack. (a) Old	CS2 Emission	Kg/ton of fiber.	10/9/2013 196.2	24/9/2013 154.7
		H2S Emission	mg/Nm ³	30.6	34.7
	(b) New	CS2 Emission	Kg/ton of fiber.	10/9/2013 180.8	24/9/2013 167.7
		H2S Emission	mg/Nm ³	26.4	38.9
8	Hypochlorite Stack.	Cl2	mg/Nm ³	14/9/2013 0.176	27/9/2013 0.180
9	HCL Plant Stack	HCL Vapour & Mist	mg/Nm ³	14/9/2013 3.7	27/9/2013 3.4
		Chlorine	mg/Nm ³	0.38	0.30

ND = Not detectable.

INDIAN RAYON
A UNIT OF ADITYA BIRLA NUVO LIMITED,
VERAVAL.
STACK SAMPLING REPORT

Month : OCTOBER - 2013

Sr.no.	Stack Location.	Type of pollutent.	Unit	Analysis Result	
				Sampling Date	Sampling Date
1	Sulphuric Acid Plant. (DCDA)	SO ₂	Kg/MT of 100 % H ₂ SO ₄	8/10/2013 0.68	23/10/2013 0.29
		Acid Mist	mg/Nm ³	16.3	24.5
2	Sulphuric Acid Plant. (SCSA)	SO ₂	Kg/MT of 100 % H ₂ SO ₄	8/10/2013 0.79	23/10/2013 0.29
		Acid Mist	mg/Nm ³	12.3	22.4
3	Boiler no. 4 (Coal fired)	SPM	mg/Nm ³	10/10/2013 85.8	30/10/2013 55.4
		SOX	PPM	86.0	58.0
		NOX	PPM	4.4	6.7
4	Old Power Plant (Boiler No. 1 & 2)	SPM	mg/Nm ³	21/10/2013 30.1	
		SOX	PPM	70.0	
		NOX	PPM	3.4	
5	New Power Plant (Boiler No. 3)	SPM	mg/Nm ³	29/10/2013 21.5	
		SOX	PPM	61.0	
		NOX	PPM	5.5	
6	Coal Crushing Unit	SPM	mg/Nm ³	22/10/2013 94.4	
7	Rayon Process Stack. (a) Old	CS ₂ Emission	Kg/ton of fiber.	10/10/2013 188.3	24/10/2013 174.4
		H ₂ S Emission	mg/Nm ³	29.2	23.6
	(b) New	CS ₂ Emission	Kg/ton of fiber.	10/10/2013 198.8	24/10/2013 160.7
		H ₂ S Emission	mg/Nm ³	34.7	19.4
8	Hypochlorite Stack.	Cl ₂	mg/Nm ³	15/10/2013 0.168	29/10/2013 0.170
9	HCL Plant Stack	HCL Vapour & Mist	mg/Nm ³	15/10/2013 3.8	29/10/2013 3.6
		Chlorine	mg/Nm ³	0.58	0.40

ND = Not detectable.

INDIAN RAYON
A UNIT OF ADITYA BIRLA NUVO LIMITED,
VERAVAL.
STACK SAMPLING REPORT

Month : NOVEMBER - 2013

Sr.no.	Stack Location.	Type of pollutent.	Unit	Analysis Result	
				Sampling Date	Sampling Date
1	Sulphuric Acid Plant. (DCDA)	SO2	Kg/MT of 100 % H2SO4	15/11/2013 0.44	29/11/2013 0.91
		Acid Mist	mg/Nm ³	24.5	14.4
2	Sulphuric Acid Plant. (SCSA)	SO2	Kg/MT of 100 % H2SO4	15/11/2013 0.65	29/11/2013 0.59
		Acid Mist	mg/Nm ³	12.3	15.4
3	Boiler no. 4 (Coal fired)	SPM	mg/Nm ³	9/11/2013 76.2	30/11/2013 116.2
		SOX	PPM	90.0	80.0
		NOX	PPM	4.9	7.8
4	Old Power Plant (Boiler No. 1 & 2)	SPM	mg/Nm ³	22/11/2013 50.6	
		SOX	PPM	55.0	
		NOX	PPM	5.7	
5	New Power Plant (Boiler No. 3)	SPM	mg/Nm ³	23/11/2013 32.6	
		SOX	PPM	73.0	
		NOX	PPM	6.8	
6	Coal Crushing Unit	SPM	mg/Nm ³	15/11/2013 75.6	
7	Rayon Process Stack. (a) Old	CS2 Emission	Kg/ton of fiber.	13/11/2013 200.5	30/11/2013 174.2
		H2S Emission	mg/Nm ³	37.4	29.2
	(b) New	CS2 Emission	Kg/ton of fiber.	13/11/2013 160.7	30/11/2013 171.5
		H2S Emission	mg/Nm ³	19.4	23.6
8	Hypochlorite Stack.	Cl2	mg/Nm ³	15/11/2013 0.175	30/11/2013 0.178
9	HCL Plant Stack	HCL Vapour & Mist	mg/Nm ³	15/11/2013 3.4	30/11/2013 3.6
		Chlorine	mg/Nm ³	0.38	0.37

ND = Not detectable.

INDIAN RAYON
A UNIT OF ADITYA BIRLA NUVO LIMITED,
VERAVAL.
STACK SAMPLING REPORT

Month : DECEMBER - 2013

Sr.no.	Stack Location.	Type of pollutent.	Unit	Analysis Result	
				Sampling Date	Sampling Date
1	Sulphuric Acid Plant. (DCDA)	SO ₂	Kg/MT of 100 % H ₂ SO ₄	11/12/2013 0.39	20/12/2013 1.04
		Acid Mist	mg/Nm ³	30.6	30.6
2	Sulphuric Acid Plant. (SCSA)	SO ₂	Kg/MT of 100 % H ₂ SO ₄	11/12/2013 0.35	20/12/2013 0.44
		Acid Mist	mg/Nm ³	36.8	24.5
3	Boiler no. 4 (Coal fired)	SPM	mg/Nm ³	14/12/2013 85.0	21/12/2013 63.5
		SOX	PPM	82.0	92.0
		NOX	PPM	6.3	5.7
4	Old Power Plant (Boiler No. 1 & 2)	SPM	mg/Nm ³	25/12/2013 37.0	
		SOX	PPM	64.0	
		NOX	PPM	4.8	
5	New Power Plant (Boiler No. 3)	SPM	mg/Nm ³	25/12/2013 48.8	
		SOX	PPM	92.0	
		NOX	PPM	3.6	
6	Coal Crushing Unit	SPM	mg/Nm ³	12/12/2013 80.2	
7	Rayon Process Stack. (a) Old	CS ₂ Emission	Kg/ton of fiber.	10/12/2013 154.7	25/12/2013 192.6
		H ₂ S Emission	mg/Nm ³	18.6	30.6
	(b) New	CS ₂ Emission	Kg/ton of fiber.	10/12/2013 171.5	25/12/2013 167.7
		H ₂ S Emission	mg/Nm ³	26.4	23.6
8	Hypochlorite Stack.	Cl ₂	mg/Nm ³	13/12/2013 0.156	31/12/2013 0.165
9	HCL Plant Stack	HCL Vapour & Mist	mg/Nm ³	13/12/2013 3.2	31/12/2013 3.4
		Chlorine	mg/Nm ³	0.30	0.36

ND = Not detectable.

INDIAN RAYON
A UNIT OF ADITYA BIRLA NUVO LIMITED,
VERAVAL.
STACK SAMPLING REPORT

Month : JANUARY - 2014

Sr.no.	Stack Location.	Type of pollutent.	Unit	Analysis Result	
				Sampling Date	Sampling Date
1	Sulphuric Acid Plant. (DCDA)	SO ₂	Kg/MT of 100 % H ₂ SO ₄	10/1/2014 0.71	Under Annual Shutdown
		Acid Mist	mg/Nm ³	8.4	
2	Sulphuric Acid Plant. (SCSA)	SO ₂	Kg/MT of 100 % H ₂ SO ₄	10/1/2014 0.47	29/1/2014 0.77
		Acid Mist	mg/Nm ³	12.3	20.0
3	Boiler no. 4 (Coal fired)	SPM	mg/Nm ³	14/1/2014 93.7	25/1/2014 46.9
		SOX	PPM	89.0	87.0
		NOX	PPM	4.2	5.3
4	Old Power Plant (Boiler No. 1 & 2)	SPM	mg/Nm ³	30/1/2014 54.6	
		SOX	PPM	88.0	
		NOX	PPM	4.2	
5	New Power Plant (Boiler No. 3)	SPM	mg/Nm ³	30/1/2014 37.3	
		SOX	PPM	91.0	
		NOX	PPM	4.8	
6	Coal Crushing Unit	SPM	mg/Nm ³	24/1/2014 70.5	
7	Rayon Process Stack. (a) Old	CS ₂ Emission	Kg/ton of fiber.	13/1/2014 170.6	29/1/2014 181.6
		H ₂ S Emission	mg/Nm ³	26.4	30.6
	(b) New	CS ₂ Emission	Kg/ton of fiber.	13/1/2014 158.4	29/1/2014 180.8
		H ₂ S Emission	mg/Nm ³	22.2	22.2
8	Hypochlorite Stack.	Cl ₂	mg/Nm ³	13/1/2014 0.168	31/1/2014 0.170
9	HCL Plant Stack	HCL Vapour & Mist	mg/Nm ³	13/1/2014 3.6	31/1/2014 3.5
		Chlorine	mg/Nm ³	0.34	0.37

ND = Not detectable.

INDIAN RAYON
A UNIT OF ADITYA BIRLA NUVO LIMITED,
VERAVAL.
STACK SAMPLING REPORT

Month : FEBRUARY - 2014

Sr.no.	Stack Location.	Type of pollutent.	Unit	Analysis Result	
				Sampling Date	Sampling Date
1	Sulphuric Acid Plant. (DCDA)	SO ₂	Kg/MT of 100 % H ₂ SO ₄	Under Annual Shutdown	24/2/2014 0.99
		Acid Mist	mg/Nm ³		14.4
2	Sulphuric Acid Plant. (SCSA)	SO ₂	Kg/MT of 100 % H ₂ SO ₄	14/2/2014 0.50	24/2/2014 0.92
		Acid Mist	mg/Nm ³	24.5	18.4
3	Boiler no. 4 (Coal fired)	SPM	mg/Nm ³	7/2/2014 52.6	26/2/2014 84.4
		SOX	PPM	90.0	85.0
		NOX	PPM	2.9	3.4
4	Old Power Plant (Boiler No. 1 & 2)	SPM	mg/Nm ³	26/2/2014 50.2	
		SOX	PPM	78.0	
		NOX	PPM	5.2	
5	New Power Plant (Boiler No. 3)	SPM	mg/Nm ³	26/2/2014 60.4	
		SOX	PPM	84.0	
		NOX	PPM	4.1	
6	Coal Crushing Unit	SPM	mg/Nm ³	20/2/2014 82.2	
7	Rayon Process Stack. (a) Old	CS ₂ Emission	Kg/ton of fiber.	12/2/2014 209.8	27/2/2014 203.9
		H ₂ S Emission	mg/Nm ³	40.3	41.7
	(b) New	CS ₂ Emission	Kg/ton of fiber.	12/2/2014 201.1	27/2/2014 213.2
		H ₂ S Emission	mg/Nm ³	38.9	37.5
8	Hypochlorite Stack.	Cl ₂	mg/Nm ³	14/2/2014 0.169	28/2/2014 0.165
9	HCL Plant Stack	HCL Vapour & Mist	mg/Nm ³	14/2/2014 3.4	28/2/2014 3.2
		Chlorine	mg/Nm ³	0.35	0.30

ND = Not detectable.

INDIAN RAYON
A UNIT OF ADITYA BIRLA NUVO LIMITED,
VERAVAL.
STACK SAMPLING REPORT

Month : MARCH - 2014

Sr.no.	Stack Location.	Type of pollutent.	Unit	Analysis Result	
				Sampling Date	Sampling Date
1	Sulphuric Acid Plant. (DCDA)	SO2	Kg/MT of 100 % H2SO4	03-10-2014 0.78	24/3/2014 0.45
		Acid Mist	mg/Nm ³	24.5	36.8
2	Sulphuric Acid Plant. (SCSA)	SO2	Kg/MT of 100 % H2SO4	03-10-2014 0.64	24/3/2014 0.35
		Acid Mist	mg/Nm ³	12.3	18.4
3	Boiler no. 4 (Coal fired)	SPM	mg/Nm ³	11/3/2014 90.3	31/3/2014 64.2
		SOX	PPM	90.0	90.0
		NOX	PPM	4.8	7.8
4	Old Power Plant (Boiler No. 1 & 2)	SPM	mg/Nm ³	28/3/2014 72.2	
		SOX	PPM	92.0	
		NOX	PPM	3.8	
5	New Power Plant (Boiler No. 3)	SPM	mg/Nm ³	28/3/2014 87.5	
		SOX	PPM	88.0	
		NOX	PPM	6.1	
6	Coal Crushing Unit	SPM	mg/Nm ³	18/3/2014 64.4	
7	Rayon Process Stack. (a) Old	CS2 Emission	Kg/ton of fiber.	3/3/2014 200.5	20/3/2014 194.9
		H2S Emission	mg/Nm ³	37.4	22.2
	(b) New	CS2 Emission	Kg/ton of fiber.	3/3/2014 210.2	20/3/2014 207.2
		H2S Emission	mg/Nm ³	19.4	26.4
8	Hypochlorite Stack.	Cl2	mg/Nm ³	10/3/2014 0.172	25/3/2014 0.168
9	HCL Plant Stack	HCL Vapour & Mist	mg/Nm ³	10/3/2014 3.65	25/3/2014 3.40
		Chlorine	mg/Nm ³	0.43	0.40

ND = Not detectable.

INDIAN RAYON
A UNIT OF ADITYA BIRLA NUVO LIMITED,
VERAVAL.
STACK SAMPLING REPORT

Month : APRIL - 2014

Sr.no.	Stack Location.	Type of pollutent.	Unit	Analysis Result	
				Sampling Date	Sampling Date
1	Sulphuric Acid Plant. (DCDA)	SO2	Kg/MT of 100 % H2SO4	04-04-2014 0.71	28/4/2014 0.78
		Acid Mist	mg/Nm ³	18.4	20.0
2	Sulphuric Acid Plant. (SCSA)	SO2	Kg/MT of 100 % H2SO4	04-04-2014 0.77	28/4/2014 0.47
		Acid Mist	mg/Nm ³	12.3	14.4
3	Boiler no. 4 (Coal fired)	SPM	mg/Nm ³	10/4/2014 88.5	23/4/2014 35.7
		SOX	PPM	89.0	92.0
		NOX	PPM	6.2	7.0
4	Old Power Plant (Boiler No. 1 & 2)	SPM	mg/Nm ³	19/4/2014 74.5	
		SOX	PPM	94.0	
		NOX	PPM	5.0	
5	New Power Plant (Boiler No. 3)	SPM	mg/Nm ³	26/4/2014 80.7	
		SOX	PPM	84.0	
		NOX	PPM	4.8	
6	Coal Crushing Unit	SPM	mg/Nm ³	24/4/2014 80.2	
7	Rayon Process Stack. (a) Old	CS2 Emission	Kg/ton of fiber.	8/4/2014 191.9	25/4/2014 209.8
		H2S Emission	mg/Nm ³	40.3	27.8
	(b) New	CS2 Emission	Kg/ton of fiber.	8/4/2014 201.1	25/4/2014 191.9
		H2S Emission	mg/Nm ³	25.0	30.6
8	Hypochlorite Stack.	Cl2	mg/Nm ³	13/4/2014 0.165	28/4/2014 0.169
9	HCL Plant Stack	HCL Vapour & Mist	mg/Nm ³	13/4/2014 3.60	28/4/2014 3.50
		Chlorine	mg/Nm ³	0.32	0.38

ND = Not detectable.

INDIAN RAYON
A UNIT OF ADITYA BIRLA NUVO LIMITED,
VERAVAL.
STACK SAMPLING REPORT

Month : MAY - 2014

Sr.no.	Stack Location.	Type of pollutent.	Unit	Analysis Result	
				Sampling Date	Sampling Date
1	Sulphuric Acid Plant. (DCDA)	SO2	Kg/MT of 100 % H2SO4	05-08-2014 0.53	26/5/2014 0.78
		Acid Mist	mg/Nm ³	12.3	24.5
2	Sulphuric Acid Plant. (SCSA)	SO2	Kg/MT of 100 % H2SO4	05-08-2014 0.90	26/5/2014 0.77
		Acid Mist	mg/Nm ³	24.5	18.4
3	Boiler no. 4 (Coal fired)	SPM	mg/Nm ³	12/5/2014 60.2	27/5/2014 80.3
		SOX	PPM	82.0	89.0
		NOX	PPM	5.2	4.5
4	Old Power Plant (Boiler No. 1 & 2)	SPM	mg/Nm ³	28/5/2014 97.8	
		SOX	PPM	94.0	
		NOX	PPM	6.0	
5	New Power Plant (Boiler No. 3)	SPM	mg/Nm ³	28/5/2014 71.2	
		SOX	PPM	76.0	
		NOX	PPM	3.8	
6	Coal Crushing Unit	SPM	mg/Nm ³	26/5/2014 76.6	
7	Rayon Process Stack. (a) Old	CS2 Emission	Kg/ton of fiber.	12/5/2014 183.4	26/5/2014 203.9
		H2S Emission	mg/Nm ³	26.4	27.8
	(b) New	CS2 Emission	Kg/ton of fiber.	12/5/2014 205.0	26/5/2014 201.1
		H2S Emission	mg/Nm ³	22.2	25.0
8	Hypochlorite Stack.	Cl2	mg/Nm ³	4/5/2014 0.154	19/5/2014 0.160
9	HCL Plant Stack	HCL Vapour & Mist	mg/Nm ³	4/5/2014 3.20	19/5/2014 3.40
		Chlorine	mg/Nm ³	0.29	0.32

ND = Not detectable.

INDIAN RAYON
A UNIT OF ADITYA BIRLA NUVO LIMITED,
VERAVAL.
STACK SAMPLING REPORT

Month : JUNE - 2014

Sr.no.	Stack Location.	Type of pollutent.	Unit	Analysis Result	
				Sampling Date	Sampling Date
1	Sulphuric Acid Plant. (DCDA)	SO2	Kg/MT of 100 % H2SO4	06-05-2014 0.71	25/6/2014 0.45
		Acid Mist	mg/Nm ³	18.4	12.3
2	Sulphuric Acid Plant. (SCSA)	SO2	Kg/MT of 100 % H2SO4	06-05-2014 0.77	25/6/2014 0.64
		Acid Mist	mg/Nm ³	8.4	14.4
3	Boiler no. 4 (Coal fired)	SPM	mg/Nm ³	14/6/2014 128.3	28/6/2014 128.2
		SOX	PPM	76.0	71.0
		NOX	PPM	3.6	3.8
4	Old Power Plant (Boiler No. 1 & 2)	SPM	mg/Nm ³	30/6/2014 24.7	
		SOX	PPM	64.0	
		NOX	PPM	4.3	
5	New Power Plant (Boiler No. 3)	SPM	mg/Nm ³	30/6/2014 20.5	
		SOX	PPM	67.0	
		NOX	PPM	4.0	
6	Coal Crushing Unit	SPM	mg/Nm ³	24/6/2014 58.0	
7	Rayon Process Stack. (a) Old	CS2 Emission	Kg/ton of fiber.	6/6/2014 206.9	27/6/2014 191.9
		H2S Emission	mg/Nm ³	31.9	33.3
	(b) New	CS2 Emission	Kg/ton of fiber.	6/6/2014 198.0	27/6/2014 213.2
		H2S Emission	mg/Nm ³	30.6	27.8
8	Hypochlorite Stack.	Cl2	mg/Nm ³	10/6/2014 0.165	23/6/2014 0.163
9	HCL Plant Stack	HCL Vapour & Mist	mg/Nm ³	10/6/2014 6.80	23/6/2014 7.30
		Chlorine	mg/Nm ³	0.38	0.37

ND = Not detectable.

INDIAN RAYON
A UNIT OF ADITYA BIRLA NUVO LIMITED,
VERAVAL.
STACK SAMPLING REPORT

Month : JULY - 2014

Sr.no.	Stack Location.	Type of pollutent.	Unit	Analysis Result	
				Sampling Date	Sampling Date
1	Sulphuric Acid Plant. (DCDA)	SO2	Kg/MT of 100 % H2SO4	07-08-2014 0.45	28/7/2014 0.99
		Acid Mist	mg/Nm ³	18.4	24.5
2	Sulphuric Acid Plant. (SCSA)	SO2	Kg/MT of 100 % H2SO4	07-08-2014 0.77	28/7/2014 0.92
		Acid Mist	mg/Nm ³	20.0	12.3
3	Boiler no. 4 (Coal fired)	SPM	mg/Nm ³	10/7/2014 90.5	30/7/2014 98.8
		SOX	PPM	80.0	85.0
		NOX	PPM	5.8	6.4
4	Old Power Plant (Boiler No. 1 & 2)	SPM	mg/Nm ³	26/7/2014 48.6	
		SOX	PPM	78.0	
		NOX	PPM	4.2	
5	New Power Plant (Boiler No. 3)	SPM	mg/Nm ³	26/7/2014 66.2	
		SOX	PPM	80.0	
		NOX	PPM	5.4	
6	Coal Crushing Unit	SPM	mg/Nm ³	23/7/2014 60.4	
7	Rayon Process Stack. (a) Old	CS2 Emission	Kg/ton of fiber.	8/7/2014 152.2	28/7/2014 181.6
		H2S Emission	mg/Nm ³	30.6	19.4
	(b) New	CS2 Emission	Kg/ton of fiber.	8/7/2014 173.3	28/7/2014 201.1
		H2S Emission	mg/Nm ³	27.8	26.4
8	Hypochlorite Stack.	Cl2	mg/Nm ³	18/7/2014 0.174	31/7/2014 0.168
9	HCL Plant Stack	HCL Vapour & Mist	mg/Nm ³	18/7/2014 3.65	31/7/2014 3.70
		Chlorine	mg/Nm ³	0.31	0.30

ND = Not detectable.

INDIAN RAYON
A UNIT OF ADITYA BIRLA NUVO LIMITED,
VERAVAL.
STACK SAMPLING REPORT

Month : AUGUST - 2014

Sr.no.	Stack Location.	Type of pollutent.	Unit	Analysis Result	
				Sampling Date	Sampling Date
1	Sulphuric Acid Plant. (DCDA)	SO2	Kg/MT of 100 % H2SO4	13/8/2014 0.99	29/8/2014 0.71
		Acid Mist	mg/Nm ³	20.0	8.4
2	Sulphuric Acid Plant. (SCSA)	SO2	Kg/MT of 100 % H2SO4	13/8/2014 0.58	29/8/2014 0.77
		Acid Mist	mg/Nm ³	32.7	24.5
3	Boiler no. 4 (Coal fired)	SPM	mg/Nm ³	6/8/2014 76.6	28/8/2014 50.2
		SOX	PPM	88.0	90.0
		NOX	PPM	3.4	5.6
4	Old Power Plant (Boiler No. 1 & 2)	SPM	mg/Nm ³	29/8/2014 44.5	
		SOX	PPM	64.0	
		NOX	PPM	4.4	
5	New Power Plant (Boiler No. 3)	SPM	mg/Nm ³	29/8/2014 36.8	
		SOX	PPM	61.0	
		NOX	PPM	3.9	
6	Coal Crushing Unit	SPM	mg/Nm ³	20/8/2014 70.2	
7	Rayon Process Stack. (a) Old	CS2 Emission	Kg/ton of fiber.	7/8/2014 209.8	30/8/2014 200.5
		H2S Emission	mg/Nm ³	22.2	25
	(b) New	CS2 Emission	Kg/ton of fiber.	7/8/2014 210.2	30/8/2014 191.9
		H2S Emission	mg/Nm ³	26.4	31.9
8	Hypochlorite Stack.	Cl2	mg/Nm ³	14/8/2014 0.170	29/8/2014 0.165
9	HCL Plant Stack	HCL Vapour & Mist	mg/Nm ³	14/8/2014 3.60	29/8/2014 3.70
		Chlorine	mg/Nm ³	0.31	0.30

ND = Not detectable.

INDIAN RAYON
A UNIT OF ADITYA BIRLA NUVO LIMITED,
VERAVAL.
STACK SAMPLING REPORT

Month : SEPTEMBER - 2014

Sr.no.	Stack Location.	Type of pollutent.	Unit	Analysis Result	
				Sampling Date	Sampling Date
1	Sulphuric Acid Plant. (DCDA)	SO2	Kg/MT of 100 % H2SO4	09-09-2014 0.50	25/9/2014 0.53
		Acid Mist	mg/Nm ³	12.3	36.8
2	Sulphuric Acid Plant. (SCSA)	SO2	Kg/MT of 100 % H2SO4	09-09-2014 0.64	25/9/2014 0.47
		Acid Mist	mg/Nm ³	18.4	20.0
3	Boiler no. 4 (Coal fired)	SPM	mg/Nm ³	12/9/2014 48.4	27/9/2014 28.1
		SOX	PPM	92.0	84.0
		NOX	PPM	5.4	3.8
4	Old Power Plant (Boiler No. 1 & 2)	SPM	mg/Nm ³	30/9/2014 54.8	
		SOX	PPM	68.0	
		NOX	PPM	4.8	
5	New Power Plant (Boiler No. 3)	SPM	mg/Nm ³	30/9/2014 60.2	
		SOX	PPM	75.0	
		NOX	PPM	5.5	
6	Coal Crushing Unit	SPM	mg/Nm ³	15/9/2014 64.2	
7	Rayon Process Stack. (a) Old	CS2 Emission	Kg/ton of fiber.	5/9/2014 209.8	26/9/2014 203.9
		H2S Emission	mg/Nm ³	22.2	37.5
	(b) New	CS2 Emission	Kg/ton of fiber.	5/9/2014 214.3	26/9/2014 198.0
		H2S Emission	mg/Nm ³	27.8	25.0
8	Hypochlorite Stack.	Cl2	mg/Nm ³	19/9/2014 0.290	23/9/2014 0.210
9	HCL Plant Stack	HCL Vapour & Mist	mg/Nm ³	19/9/2014 5.47	23/9/2014 7.30
		Chlorine	mg/Nm ³	0.98	0.89

ND = Not detectable.

**INDIAN RAYON
A UNIT OF ADITYA BIRLA NUVO LIMITED,
VERAVAL.
STACK SAMPLING REPORT**

Month : OCTOBER - 2014

Sr.no.	Stack Location.	Type of pollutent.	Unit	Analysis Result	
				Sampling Date	Sampling Date
1	Sulphuric Acid Plant. (DCDA)	SO2	Kg/MT of 100 % H2SO4	10-11-2014 0.75	25/10/2014 0.71
		Acid Mist	mg/Nm ³	20.4	18.8
2	Sulphuric Acid Plant. (SCSA)	SO2	Kg/MT of 100 % H2SO4	10-11-2014 0.90	25/10/2014 0.50
		Acid Mist	mg/Nm ³	12.6	26.1
3	Boiler no. 4 (Coal fired)	SPM	mg/Nm ³	8/10/2014 68.5	30/10/2014 70.6
		SOX	PPM	80.0	75.0
		NOX	PPM	4.5	9.3
4	Old Power Plant (Boiler No. 1 & 2)	SPM	mg/Nm ³	29/10/2014 56.6	
		SOX	PPM	92.0	
		NOX	PPM	5.3	
5	New Power Plant (Boiler No. 3)	SPM	mg/Nm ³	20/10/2014 59.1	
		SOX	PPM	46.0	
		NOX	PPM	3.8	
6	Coal Crushing Unit	SPM	mg/Nm ³	20/10/2014 52.4	
7	Rayon Process Stack. (a) Old	CS2 Emission	Kg/ton of fiber.	6/10/2014 209.8	21/10/2014 183.4
		H2S Emission	mg/Nm ³	40.3	27.8
	(b) New	CS2 Emission	Kg/ton of fiber.	6/10/2014 210.2	21/10/2014 205.0
		H2S Emission	mg/Nm ³	19.4	26.4
8	Hypochlorite Stack.	Cl2	mg/Nm ³	13/10/2014 0.190	27/10/2014 0.200
9	HCL Plant Stack	HCL Vapour & Mist	mg/Nm ³	13/10/2014 3.90	27/10/2014 3.60
		Chlorine	mg/Nm ³	0.30	0.32

ND = Not detectable.

INDIAN RAYON
A UNIT OF ADITYA BIRLA NUVO LIMITED,
VERAVAL.
STACK SAMPLING REPORT

Month : NOVEMBER - 2014

Sr.no.	Stack Location.	Type of pollutent.	Unit	Analysis Result	
				Sampling Date	Sampling Date
1	Sulphuric Acid Plant. (DCDA)	SO2	Kg/MT of 100 % H2SO4	11-07-2014 0.78	26/11/2014 0.54
		Acid Mist	mg/Nm ³	24.5	26.1
2	Sulphuric Acid Plant. (SCSA)	SO2	Kg/MT of 100 % H2SO4	Under	Under
		Acid Mist	mg/Nm ³	Annual Shutdown	Annual Shutdown
3	Boiler no. 4 (Coal fired)	SPM	mg/Nm ³	8/11/2014 64.8	27/11/2014 103.2
		SOX	PPM	82.0	88.0
		NOX	PPM	8.8	10.3
4	Old Power Plant (Boiler No. 1 & 2)	SPM	mg/Nm ³	29/11/2014 90.6	
		SOX	PPM	70.0	
		NOX	PPM	6.1	
5	New Power Plant (Boiler No. 3)	SPM	mg/Nm ³	29/11/2014 84.5	
		SOX	PPM	78.0	
		NOX	PPM	4.4	
6	Coal Crushing Unit	SPM	mg/Nm ³	18/11/2014 45.8	
7	Rayon Process Stack. (a) Old	CS2 Emission	Kg/ton of fiber.	7/11/2014 200.5	24/11/2014 194.9
		H2S Emission	mg/Nm ³	22.2	19.4
	(b) New	CS2 Emission	Kg/ton of fiber.	7/11/2014 207.2	24/11/2014 191.9
		H2S Emission	mg/Nm ³	22.2	26.4
8	Hypochlorite Stack.	Cl2	mg/Nm ³	12/11/2014 0.198	24/11/2014 0.200
9	HCL Plant Stack	HCL Vapour & Mist	mg/Nm ³	12/11/2014 3.80	24/11/2014 3.90
		Chlorine	mg/Nm ³	0.34	0.28

ND = Not detectable.

INDIAN RAYON
A UNIT OF ADITYA BIRLA NUVO LIMITED,
VERAVAL.
STACK MONITORING REPORT

Month : DECEMBER - 2014

Sr.no.	Stack Location.	Type of pollutant.	Unit	Analysis Result	
				Sampling Date	Sampling Date
1	Sulphuric Acid Plant. (DCDA)	SO ₂	Kg/MT of 100 % H ₂ SO ₄	6/12/2014 0.53	28/12/2014 0.99
		Acid Mist	mg/Nm ³	12.3	18.4
2	Sulphuric Acid Plant. (SCSA)	SO ₂	Kg/MT of 100 % H ₂ SO ₄	6/12/2014 0.79	28/12/2014 0.77
		Acid Mist	mg/Nm ³	16.3	20.0
3	Boiler no. 4 (Coal fired)	SPM	mg/Nm ³	6/12/2014 87.8	30/12/2014 101.2
		SOX	PPM	81.0	88.0
		NOX	PPM	7.8	4.0
4	Old Power Plant (Boiler No. 1 & 2)	SPM	mg/Nm ³	30/12/2014 34.4	
		SOX	PPM	78.0	
		NOX	PPM	3.0	
5	New Power Plant (Boiler No. 3)	SPM	mg/Nm ³	17/12/2014 48.9	
		SOX	PPM	88.0	
		NOX	PPM	7.4	
6	Coal Crushing Unit	SPM	mg/Nm ³	16/12/2014 62.2	
7	Rayon Process Stack. (a) Old	CS ₂ Emission	Kg/ton of fiber.	5/12/2014 203.9	22/12/2014 206.9
		H ₂ S Emission	mg/Nm ³	30.6	19.4
	(b) New	CS ₂ Emission	Kg/ton of fiber.	5/12/2014 191.9	22/12/2014 198.0
		H ₂ S Emission	mg/Nm ³	22.2	27.8
8	Hypochlorite Stack.	Cl ₂	mg/Nm ³	13/12/2014 0.196	29/12/2014 0.197
9	HCL Plant Stack	HCL Vapour & Mist	mg/Nm ³	13/12/2014 3.70	29/12/2014 3.90
		Chlorine	mg/Nm ³	0.26	0.28

ND = Not detectable.

INDIAN RAYON
A UNIT OF ADITYA BIRLA NUVO LIMITED,
VERAVAL.
STACK MONITORING REPORT

Month : JANUARY - 2015

Sr.no.	Stack Location.	Type of pollutant.	Unit	Analysis Result	
				Sampling Date	Sampling Date
1	Sulphuric Acid Plant. (DCDA)	SO2	Kg/MT of 100 % H2SO4	8/1/2015 0.56	UNDER ANNUAL SHUTDOWN
		Acid Mist	mg/Nm ³	20.1	
2	Sulphuric Acid Plant. (SCSA)	SO2	Kg/MT of 100 % H2SO4	8/1/2015 0.47	24/1/2015 0.90
		Acid Mist	mg/Nm ³	12.3	14.4
3	Boiler no. 4 (Coal fired)	SPM	mg/Nm ³	10/1/2015 85.6	29/1/2015 76.5
		SOX	PPM	86.0	90.0
		NOX	PPM	3.6	4.4
4	Old Power Plant (Boiler No. 1 & 2)	SPM	mg/Nm ³	20/1/2015 52.6	
		SOX	PPM	61.0	
		NOX	PPM	2.3	
5	New Power Plant (Boiler No. 3)	SPM	mg/Nm ³	21/1/2015 64.4	
		SOX	PPM	70.0	
		NOX	PPM	4.0	
6	Coal Crushing Unit	SPM	mg/Nm ³	20/1/2015 58.4	
7	Rayon Process Stack. (a) Old	CS2 Emission	Kg/ton of fiber.	7/1/2015 209.8	27/1/2015 183.4
		H2S Emission	mg/Nm ³	26.4	22.2
	(b) New	CS2 Emission	Kg/ton of fiber.	7/1/2015 201.1	27/1/2015 180.8
		H2S Emission	mg/Nm ³	25.0	30.6
8	Hypochlorite Stack.	Cl2	mg/Nm ³	11/1/2015 0.200	26/1/2015 0.198
9	HCL Plant Stack	HCL Vapour & Mist	mg/Nm ³	11/1/2015 3.80	26/1/2015 3.60
		Chlorine	mg/Nm ³	0.30	0.28

ND = Not detectable.

INDIAN RAYON
A UNIT OF ADITYA BIRLA NUVO LIMITED,
VERAVAL.
STACK MONITORING REPORT

Month : FEBRUARY - 2015

Sr.no.	Stack Location.	Type of pollutant.	Unit	Analysis Result	
				Sampling Date	Sampling Date
1	Sulphuric Acid Plant. (DCDA)	SO2	Kg/MT of 100 % H2SO4	13/2/2015	27/2/2015
		Acid Mist	mg/Nm ³	UNDER ANNUAL SHUT DOWN	0.99 20.4
2	Sulphuric Acid Plant. (SCSA)	SO2	Kg/MT of 100 % H2SO4	13/2/2015	27/2/2015
		Acid Mist	mg/Nm ³	0.55 12.3	0.64 24.5
3	Boiler no. 4 (Coal fired)	SPM	mg/Nm ³	11/2/2015	25/2/2015
		SOX	PPM	84.2	58.1
		NOX	PPM	78.0 3.6	80.0 4.7
4	Old Power Plant (Boiler No. 1 & 2)	SPM	mg/Nm ³	26/2/2015	
		SOX	PPM	76.8	
		NOX	PPM	76.0 4.5	
5	New Power Plant (Boiler No. 3)	SPM	mg/Nm ³	26/2/2015	
		SOX	PPM	54.4	
		NOX	PPM	90.0 3.6	
6	Coal Crushing Unit	SPM	mg/Nm ³	14/2/2015	
7	(a) Old	CS2 Emission	Kg/ton of fiber.	9/2/2015	24/2/2015
		H2S Emission	mg/Nm ³	194.9	203.9
	(b) New	CS2 Emission	Kg/ton of fiber.	9/2/2015	24/2/2015
		H2S Emission	mg/Nm ³	205.0	191.9
8	Hypochlorite Stack.	Cl2	mg/Nm ³	16/2/2015	28/2/2015
9	HCL Plant Stack	HCL Vapour & Mist	mg/Nm ³	16/2/2015	28/2/2015
		Chlorine	mg/Nm ³	3.80 0.31	3.60 0.29

ND = Not detectable.

INDIAN RAYON
A UNIT OF ADITYA BIRLA NUVO LIMITED,
VERAVAL.
STACK MONITORING REPORT

Month : MARCH - 2015

Sr.no.	Stack Location.	Type of pollutant.	Unit	Analysis Result	
				Sampling Date	Sampling Date
1	Sulphuric Acid Plant. (DCDA)	SO ₂	Kg/MT of 100 % H ₂ SO ₄	4/3/2015 0.47	24/3/2015 0.71
		Acid Mist	mg/Nm ³	18.4	8.4
2	Sulphuric Acid Plant. (SCSA)	SO ₂	Kg/MT of 100 % H ₂ SO ₄	4/3/2015 0.58	24/3/2015 0.90
		Acid Mist	mg/Nm ³	12.3	14.4
3	Boiler no. 4 (Coal fired)	SPM	mg/Nm ³	11/3/2015 84.6	27/3/2015 92.2
		SOX	PPM	82.0	75.0
		NOX	PPM	8.4	6.3
4	Old Power Plant (Boiler No. 1 & 2)	SPM	mg/Nm ³	17/3/2015 58.0	
		SOX	PPM	87.0	
		NOX	PPM	6.1	
5	New Power Plant (Boiler No. 3)	SPM	mg/Nm ³	30/3/2015 61.5	
		SOX	PPM	85.0	
		NOX	PPM	7.4	
6	Coal Crushing Unit	SPM	mg/Nm ³	16/3/2015 86.4	
7	Rayon Process Stack. (a) Old	CS ₂ Emission	Kg/ton of fiber.	10/3/2015 191.9	27/3/2015 170.6
		H ₂ S Emission	mg/Nm ³	22.2	30.6
	(b) New	CS ₂ Emission	Kg/ton of fiber.	10/3/2015 198.0	27/3/2015 210.2
		H ₂ S Emission	mg/Nm ³	26.4	27.8
8	Hypochlorite Stack.	Cl ₂	mg/Nm ³	15/3/2015 0.200	25/3/2015 0.188
9	HCL Plant Stack	HCL Vapour & Mist	mg/Nm ³	15/3/2015 3.90	25/3/2015 3.70
		Chlorine	mg/Nm ³	0.46	0.39

ND = Not detectable.

INDIAN RAYON
A UNIT OF ADITYA BIRLA NUVO LIMITED,
VERAVAL.
STACK MONITORING REPORT

Month : APRIL - 2015

Sr.no.	Stack Location.	Type of pollutant.	Unit	Analysis Result	
				Sampling Date	Sampling Date
1	Sulphuric Acid Plant. (DCDA)	SO2	Kg/MT of 100 % H2SO4	11/4/2015 0.78	25/4/2015 0.99
		Acid Mist	mg/Nm ³	12.3	18.4
2	Sulphuric Acid Plant. (SCSA)	SO2	Kg/MT of 100 % H2SO4	11/4/2015 0.77	25/4/2015 0.47
		Acid Mist	mg/Nm ³	20.0	24.5
3	Boiler no. 4 (Coal fired)	SPM	mg/Nm ³	13/4/2015 97.1	27/4/2015 91.9
		SOX	PPM	76.0	74.0
		NOX	PPM	7.2	3.5
4	Old Power Plant (Boiler No. 1 & 2)	SPM	mg/Nm ³	25/4/2015 58.6	
		SOX	PPM	88.0	
		NOX	PPM	4.6	
5	New Power Plant (Boiler No. 3)	SPM	mg/Nm ³	30/4/2015 80.5	
		SOX	PPM	90.0	
		NOX	PPM	3.9	
6	Coal Crushing Unit	SPM	mg/Nm ³	15/4/2015 70.2	
7	Rayon Process Stack. (a) Old	CS2 Emission	Kg/ton of fiber.	9/4/2015 194.9	24/4/2015 209.8
		H2S Emission	mg/Nm ³	26.4	22.2
	(b) New	CS2 Emission	Kg/ton of fiber.	9/4/2015 181.6	24/4/2015 201.1
		H2S Emission	mg/Nm ³	30.6	19.4
8	Hypochlorite Stack.	Cl2	mg/Nm ³	14/4/2015 0.180	30/4/2015 0.186
9	HCL Plant Stack	HCL Vapour & Mist	mg/Nm ³	14/4/2015 3.80	30/4/2015 3.90
		Chlorine	mg/Nm ³	0.320	0.346

ND = Not detectable.