

**GRASIM INDUSTRIES LIMITED
UNIT - INDIAN RAYON
VERAVAL.**

AMBIENT AIR MONITORING REPORT

Month : May - 2017

Sr. no.	LOCATION OF AMBIENT STATION	WIND VELOCITY Km/Hr.	WIND DIRECTION	SAMPLING TIME (MIN.)	AIR FLOW QUANTITY			ANALYSIS FOR								
					GAS (LPM)	SPM M3/MIN.	GAS LITRE	PM 2.5	PM 10	CS ₂	H ₂ S	SO ₂	NO ₂	HCL	Cl ₂	
															(μm ³)	
1	ON THE GUEST HOUSE TERRACE (8/05/2017)	4.2	W - E	1440	0.5	1.3	720	44	88	22	26	30	18	BDL	BDL	
	ON THE GUEST HOUSE TERRACE (26/05/2017)	6.7	W - E	1440	0.5	1.3	720	55	78	28	25	32	18	BDL	BDL	
2	ON THE ENGG. HOSTEL TERRACE (8/05/2017)	4.2	W - E	1440	0.5	1.3	720	25	60	12	10	15	20	BDL	BDL	
	ON THE ENGG. HOSTEL TERRACE (26/05/2017)	6.7	W - E	1440	0.5	1.3	720	52	70	10	17	25	28	BDL	BDL	
3	ON THE CAUSTIC PLANT TERRACE (8/05/2017)	4.2	W - E	1440	0.5	1.3	720	30	56	10	14	22	25	BDL	BDL	
	ON THE CAUSTIC PLANT TERRACE (26/05/2017)	6.7	W - E	1440	0.5	1.3	720	36	62	14	15	18	22	BDL	BDL	
4	ON THE ADMIN. OFFICE TERRACE (8/05/2017)	4.2	W - E	1440	0.5	1.3	720	56	90	34	35	26	31	BDL	BDL	
	ON THE ADMIN. OFFICE TERRACE (26/05/2017)	6.7	W - E	1440	0.5	1.3	720	45	86	38	40	20	24	BDL	BDL	

BDL = Below Detectable Limit

**GRASIM INDUSTRIES LIMITED
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AMBIENT AIR MONITORING REPORT**

Month : June - 2017

Sr. no.	LOCATION OF AMBIENT STATION	WIND VELOCITY Km/Hr.	WIND DIRECTION	SAMPLING TIME (MIN.)	AIR FLOW QUANTITY			ANALYSIS FOR							
					GAS (LPM)	SPM M3/MIN.	GAS LITRE	PM 2.5	PM 10	CS ₂	H ₂ S	SO ₂	NO ₂	HCL	Cl ₂
(µm ³)															
1	ON THE GUEST HOUSE TERRACE (06/06/2017)	11.8	S - N	1440	0.5	1.3	720	48	82	26	29	22	15	BDL	BDL
	ON THE GUEST HOUSE TERRACE (27/06/2017)	5.7	E - W	1440	0.5	1.3	720	46	80	32	30	25	15	BDL	BDL
2	ON THE ENGG. HOSTEL TERRACE (06/06/2017)	11.8	S - N	1440	0.5	1.3	720	28	52	14	12	15	16	BDL	BDL
	ON THE ENGG. HOSTEL TERRACE (27/06/2017)	5.7	E - W	1440	0.5	1.3	720	32	60	12	10	14	12	BDL	BDL
3	ON THE CAUSTIC PLANT TERRACE (06/06/2017)	11.8	S - N	1440	0.5	1.3	720	32	64	20	16	18	12	BDL	BDL
	ON THE CAUSTIC PLANT TERRACE (27/06/2017)	5.7	E - W	1440	0.5	1.3	720	35	76	18	20	30	22	BDL	BDL
4	ON THE ADMIN. OFFICE TERRACE (06/06/2017)	11.8	S - N	1440	0.5	1.3	720	52	94	38	24	28	20	BDL	BDL
	ON THE ADMIN. OFFICE TERRACE (27/06/2017)	5.7	E - W	1440	0.5	1.3	720	54	89	28	33	17	24	BDL	BDL

BDL = Below Detectable Limit

**GRASIM INDUSTRIES LIMITED
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Month : July - 2017

Sr. no.	LOCATION OF AMBIENT STATION	WIND VELOCITY Km/Hr.	WIND DIRECTION	SAMPLING TIME (MIN.)	AIR FLOW QUANTITY			ANALYSIS FOR							
					GAS (LPM)	SPM M3/MIN.	GAS LITRE	PM 2.5	PM 10	CS ₂	H ₂ S	SO ₂	NO ₂	HCL	Cl ₂ (μm^3)
1	ON THE GUEST HOUSE TERRACE (07/07/2017)	9.3	S - N	1440	0.5	1.3	720	50	70	15	18	20	18	BDL	BDL
	ON THE GUEST HOUSE TERRACE (26/07/2017)	8.5	W - E	1440	0.5	1.3	720	30	82	20	26	28	15	BDL	BDL
2	ON THE ENGG. HOSTEL TERRACE (07/07/2017)	9.3	S - N	1440	0.5	1.3	720	20	58	10	16	12	14	BDL	BDL
	ON THE ENGG. HOSTEL TERRACE (26/07/2017)	8.5	W - E	1440	0.5	1.3	720	22	58	BDL	12	15	18	BDL	BDL
3	ON THE CAUSTIC PLANT TERRACE (07/07/2017)	9.3	S - N	1440	0.5	1.3	720	55	92	26	25	26	15	BDL	BDL
	ON THE CAUSTIC PLANT TERRACE (26/07/2017)	8.5	W - E	1440	0.5	1.3	720	45	72	BDL	15	20	22	BDL	BDL
4	ON THE ADMIN. OFFICE TERRACE (07/07/2017)	9.3	S - N	1440	0.5	1.3	720	56	94	33	34	25	23	BDL	BDL
	ON THE ADMIN. OFFICE TERRACE (26/07/2017)	8.5	W - E	1440	0.5	1.3	720	52	89	38	42	32	26	BDL	BDL

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**GRASIM INDUSTRIES LIMITED
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Month : August - 2017

Sr. no.	LOCATION OF AMBIENT STATION	WIND VELOCITY Km/Hr.	WIND DIRECTION	SAMPLING TIME (MIN.)	AIR FLOW QUANTITY			ANALYSIS FOR							
					GAS (LPM)	SPM M3/MIN.	GAS LITRE	PM 2.5	PM 10	CS ₂	H ₂ S	SO ₂	NO ₂	HCL	Cl ₂ (μm^3)
1	ON THE GUEST HOUSE TERRACE (04/08/2017)	8.2	W - E	1440	0.5	1.3	720	24	70	20	15	16	22	BDL	BDL
	ON THE GUEST HOUSE TERRACE (30/08/2017)	11.1	W - E	1440	0.5	1.3	720	18	62	24	20	15	26	BDL	BDL
2	ON THE ENGG. HOSTEL TERRACE (04/08/2017)	8.2	W - E	1440	0.5	1.3	720	38	85	BDL	BDL	18	20	BDL	BDL
	ON THE ENGG. HOSTEL TERRACE (30/08/2017)	11.1	W - E	1440	0.5	1.3	720	48	55	12	10	24	25	BDL	BDL
3	ON THE CAUSTIC PLANT TERRACE (04/08/2017)	8.2	W - E	1440	0.5	1.3	720	30	68	18	20	15	12	BDL	BDL
	ON THE CAUSTIC PLANT TERRACE (30/08/2017)	11.1	W - E	1440	0.5	1.3	720	25	72	34	42	30	24	BDL	BDL
4	ON THE ADMIN. OFFICE TERRACE (04/08/2017)	8.2	W - E	1440	0.5	1.3	720	54	92	45	36	28	25	BDL	BDL
	ON THE ADMIN. OFFICE TERRACE (30/08/2017)	11.1	W - E	1440	0.5	1.3	720	56	88	14	10	15	20	BDL	BDL

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GRASIM INDUSTRIES LIMITED
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AMBIENT AIR MONITORING REPORT

Month : **September - 2017**

Sr. no.	LOCATION OF AMBIENT STATION	WIND VELOCITY Km/Hr.	WIND DIRECTION	SAMPLING TIME (MIN.)	AIR FLOW QUANTITY			ANALYSIS FOR							
					GAS (LPM)	SPM M3/MIN.	GAS LITRE	PM 2.5	PM 10	CS ₂	H ₂ S	SO ₂	NO ₂	HCL	Cl ₂
(µm ³)															
1	ON THE GUEST HOUSE TERRACE (04/09/2017)	8.2	W - E	1440	0.5	1.3	720	42	80	22	28	25	16	BDL	BDL
	ON THE GUEST HOUSE TERRACE (26/09/2017)	11.1	W - E	1440	0.5	1.3	720	52	75	15	30	18	22	BDL	BDL
2	ON THE ENGG. HOSTEL TERRACE (04/09/2017)	8.2	W - E	1440	0.5	1.3	720	30	51	10	BDL	20	12	BDL	BDL
	ON THE ENGG. HOSTEL TERRACE (26/09/2017)	11.1	W - E	1440	0.5	1.3	720	20	60	BDL	12	22	10	BDL	BDL
3	ON THE CAUSTIC PLANT TERRACE (04/09/2017)	8.2	W - E	1440	0.5	1.3	720	28	48	12	18	15	16	BDL	BDL
	ON THE CAUSTIC PLANT TERRACE (26/09/2017)	11.1	W - E	1440	0.5	1.3	720	44	56	14	20	24	14	BDL	BDL
4	ON THE ADMIN. OFFICE TERRACE (04/09/2017)	8.2	W - E	1440	0.5	1.3	720	55	88	34	32	26	24	BDL	BDL
	ON THE ADMIN. OFFICE TERRACE (26/09/2017)	11.1	W - E	1440	0.5	1.3	720	54	90	52	40	28	20	BDL	BDL

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Month : October - 2017

Sr. no.	LOCATION OF AMBIENT STATION	WIND VELOCITY Km/Hr.	WIND DIRECTION	SAMPLING TIME (MIN.)	AIR FLOW QUANTITY			ANALYSIS FOR							
					GAS (LPM)	SPM M3/MIN.	GAS LITRE	PM 2.5	PM 10	CS ₂	H ₂ S	SO ₂	NO ₂	HCL	Cl ₂ (μm^3)
1	ON THE GUEST HOUSE TERRACE (04/10/2017)	1.7	W - E	1440	0.5	1.3	720	48	78	28	32	20	25	BDL	BDL
	ON THE GUEST HOUSE TERRACE (27/10/2017)	1.5	N - S	1440	0.5	1.3	720	45	76	26	34	27	16	BDL	BDL
2	ON THE ENGG. HOSTEL TERRACE (04/10/2017)	1.7	W - E	1440	0.5	1.3	720	20	37	12	10	14	15	BDL	BDL
	ON THE ENGG. HOSTEL TERRACE (27/10/2017)	1.5	N - S	1440	0.5	1.3	720	23	43	BDL	BDL	22	24	BDL	BDL
3	ON THE CAUSTIC PLANT TERRACE (04/10/2017)	1.7	W - E	1440	0.5	1.3	720	34	52	22	18	16	20	BDL	BDL
	ON THE CAUSTIC PLANT TERRACE (27/10/2017)	1.5	N - S	1440	0.5	1.3	720	41	64	30	21	15	18	BDL	BDL
4	ON THE ADMIN. OFFICE TERRACE (04/10/2017)	1.7	W - E	1440	0.5	1.3	720	55	84	38	25	28	18	BDL	BDL
	ON THE ADMIN. OFFICE TERRACE (27/10/2017)	1.5	N - S	1440	0.5	1.3	720	52	87	36	32	24	13	BDL	BDL

BDL = Below Detectable Limit