4월 23일 굴뚝별 트렌드

					04-23 00:00	04-23 00:30	04-23 01:00	04-23 01:30	04-23 02:00	04-23 02:30	04-23 03:00	04-23 03:30	04-23 04:00	04-23 04:30	04-23 05:00	04-23 05:30	04-23 06:00	04-23 06:30	04-23 07:00	04-23 07:30
TSP	20	mg/Sm³	12	1	0.71	0.56	0.50	0.55	0.53	0.55	0.54	0.60	0.79	0.51	0.59	0.59	0.60	0.65	0.63	0.62
SOx	30	ppm	12	1	0.44	0.26	0.15	0.01	0.22	0.00	0.26	0.24	0.35	0.41	0.00	0.18	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	32.95	24.13	22.76	26.07	20.01	26.32	15.71	27.24	30.33	18.53	15.49	21.27	25.58	20.90	21.22	25.43
HCl	15	ppm	12	1	0.32	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CO	50	ppm	12	1	22.99	23.23	56.63	25.32	39.29	11.54	62.86	21.80	21.38	62.01	21.67	37.50	3.67	0.70	0.80	1.20
O_2		%	0	0.1	8.54	6.36	5.20	6.17	5.70	6.74	6.16	7.16	9.32	4.92	7.42	6.58	6.84	7.82	7.36	6.91
FL1		Sm³	12	10	12,260	14,093	15,413	14,735	15,051	13,733	14,078	13,528	10,620	15,827	12,777	14,906	14,570	13,594	14,094	14,700
TMP		℃	0	1	185.02	184.40	183.77	183.40	183.73	183.18	182.56	182.50	182.95	183.18	182.29	182.79	184.25	184.88	185.46	186.12
TM1		℃	0	1	1,098.67	1,089.93	1,116.24	1,101.15	1,111.87	1,073.39	1,072.39	1,063.83	1,062.50	1,098.89	1,030.22	1,061.15	1,070.07	1,026.71	1,037.63	1,040.87
IRS		℃	0	1	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.48	36.48	36.48

					04-23 08:00	04-23 08:30	04-23 09:00	04-23 09:30	04-23 10:00	04-23 10:30	04-23 11:00	04-23 11:30	04-23 12:00	04-23 12:30	04-23 13:00	04-23 13:30	04-23 14:00	04-23 14:30	04-23 15:00	04-23 15:30
TSP	20	mg/Sm³	12	1	0.80	0.58	0.65	0.64	0.59	0.66	0.59	0.56	1.33	0.58	0.57	0.65	0.65	0.81	0.70	0.61
SOx	30	ppm	12	1	0.04	0.65	0.49	3.16	3.05	0.00	0.00	0.26	0.00	0.20	3.14	0.68	0.60	2.48	0.02	0.36
NOx	70	ppm	12	1	27.88	25.82	27.26	29.09	30.17	27.40	29.48	27.04	29.82	24.59	29.24	27.82	19.05	11.56	14.72	19.14
HCl	15	ppm	12	1	0.92	0.60	2.05	5.40	7.65	5.11	1.16	1.45	2.10	0.69	2.94	8.04	4.98	4.73	0.60	0.00
CO	50	ppm	12	1	2.54	1.89	0.40	0.59	17.07	0.77	3.07	25.41	9.97	3.71	4.49	0.79	15.81	15.23	11.65	16.59
O_2		%	0	0.1	9.38	6.31	7.75	6.98	6.26	8.29	6.11	5.79	9.87	6.27	6.30	8.37	8.12	7.54	7.88	6.94
FL1		Sm³	12	10	11,752	15,053	13,427	14,390	15,188	12,895	15,511	15,607	12,191	15,180	14,958	12,652	13,026	14,520	13,769	14,301
TMP		℃	0	1	186.62	187.05	186.91	187.15	187.79	187.23	187.03	187.42	187.22	187.57	188.38	188.24	187.93	188.74	188.96	188.23
TM1		℃	0	1	1,057.39	1,095.08	1,050.30	894.95	1,101.26	1,017.43	1,082.83	1,114.18	1,021.80	1,069.29	1,108.43	1,015.08	991.11	1,037.74	998.75	1,046.61
IRS		℃	0	1	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47

					04-23 16:00	04-23 16:30	04-23 17:00	04-23 17:30	04-23 18:00	04-23 18:30	04-23 19:00	04-23 19:30	04-23 20:00	04-23 20:30	04-23 21:00	04-23 21:30	04-23 22:00	04-23 22:30	04-23 23:00	04-23 23:30
TSP	20	mg/Sm³	12	1	0.82	0.69	0.62	0.59	0.64	0.61	0.55	0.56	0.74	0.55	0.60	0.56	0.55	0.56	0.59	0.55
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.88	0.00	0.11	0.11	0.41	0.13	0.12	2.47	4.07	0.00	0.09
NOx	70	ppm	12	1	22.32	23.40	23.07	22.44	21.67	17.90	25.35	24.73	28.25	18.66	22.67	23.72	24.96	23.22	21.99	21.47
HCl	15	ppm	12	1	0.43	0.00	0.00	0.00	0.00	0.09	0.00	0.02	1.04	0.03	0.14	0.25	1.87	4.35	2.74	0.94
CO	50	ppm	12	1	1.30	1.56	1.16	6.53	1.48	22.82	1.06	4.80	1.18	22.03	33.96	1.22	22.57	22.21	0.42	10.12
O_2		%	0	0.1	10.62	8.87	7.77	6.82	6.82	6.87	6.50	6.51	9.76	6.26	7.05	6.57	5.71	6.47	7.50	6.70
FL1		Sm³	12	10	10,580	12,306	13,437	14,515	14,939	14,446	14,459	14,396	11,080	14,615	13,812	14,361	15,571	14,658	13,182	13,985
TMP		℃	0	1	187.50	186.88	185.47	184.75	186.06	187.04	186.60	186.47	186.05	185.77	185.49	185.49	186.27	186.81	186.25	185.74
TM1		℃	0	1	978.07	947.69	982.93	1,046.53	1,037.73	1,042.58	1,057.93	1,067.27	1,028.87	1,040.21	1,049.67	1,081.75	1,118.12	1,095.65	1,028.49	1,055.82
IRS		℃	0	1	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47

4월 24일 굴뚝별 트렌드

					04-24 00:00	04-24 00:30	04-24 01:00	04-24 01:30	04-24 02:00	04-24 02:30	04-24 03:00	04-24 03:30	04-24 04:00	04-24 04:30	04-24 05:00	04-24 05:30	04-24 06:00	04-24 06:30	04-24 07:00	04-24 07:30
TSP	20	mg/Sm³	12	1	0.71	0.57	0.58	0.53	0.57	0.61	0.52	0.53	0.74	0.56	0.55	0.54	0.56	0.56	0.57	0.55
SOx	30	ppm	12	1	0.00	0.09	0.00	0.00	0.00	0.00	0.17	0.76	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	35.02	24.07	22.74	25.55	20.20	21.63	24.14	22.52	32.39	24.83	21.99	23.18	22.70	22.18	24.47	25.65
HCl	15	ppm	12	1	1.47	1.64	2.72	1.19	1.16	1.58	0.78	1.19	2.49	1.00	0.88	1.01	0.83	0.51	0.59	0.85
CO	50	ppm	12	1	3.95	19.99	1.16	0.63	1.43	0.61	29.00	29.32	16.59	2.04	9.00	34.40	8.29	12.30	23.07	1.40
O_2		%	0	0.1	9.26	6.95	7.46	6.19	7.15	8.23	6.19	6.22	9.57	7.13	6.68	6.35	7.13	7.15	7.15	6.85
FL1		Sm³	12	10	11,549	13,867	13,145	14,636	13,625	12,280	14,390	14,410	10,700	13,569	14,005	14,382	13,511	13,262	13,710	13,863
TMP		℃	0	1	185.32	185.52	184.92	185.09	184.85	184.36	184.20	184.31	184.51	184.44	184.27	184.90	184.76	184.21	184.49	185.02
TM1		℃	0	1	1,056.64	1,060.09	1,033.47	1,074.06	1,050.31	1,022.00	1,088.48	1,106.55	1,087.01	1,075.21	1,074.61	1,084.03	1,045.96	1,034.17	1,027.63	1,047.03
IRS		℃	0	1	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47

					04-24 08:00	04-24 08:30	04-24 09:00	04-24 09:30	04-24 10:00	04-24 10:30	04-24 11:00	04-24 11:30	04-24 12:00	04-24 12:30	04-24 13:00	04-24 13:30	04-24 14:00	04-24 14:30	04-24 15:00	04-24 15:30
TSP	20	mg/Sm³	12	1	0.74	0.53	0.62	0.60	0.62	0.67	0.57	0.59	0.76	0.61	0.53	0.58	0.54	0.55	0.54	0.54
SOx	30	ppm	12	1	0.00	0.04	0.44	0.00	0.00	0.07	0.04	0.00	0.15	6.56	0.00	0.00	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	33.61	23.32	17.08	25.66	21.34	13.37	23.48	18.09	31.98	19.83	22.47	22.98	24.79	22.64	25.97	24.90
HCl	15	ppm	12	1	1.85	0.70	1.28	1.57	2.47	5.41	1.37	2.11	4.15	7.94	0.91	0.86	0.32	0.28	0.04	0.02
CO	50	ppm	12	1	1.26	41.58	33.39	1.03	0.97	2.28	22.39	5.78	0.72	26.75	41.01	9.53	10.79	27.12	10.23	4.66
O_2		%	0	0.1	10.28	5.74	7.62	7.25	7.42	8.62	6.04	7.07	9.62	7.13	5.38	7.06	6.24	6.47	6.74	6.51
FL1		Sm³	12	10	10,333	15,094	13,360	13,853	13,758	12,500	15,460	14,150	11,693	13,992	15,598	13,575	14,225	14,250	14,098	14,675
TMP		℃	0	1	184.90	185.09	185.41	186.13	186.64	186.79	186.92	187.68	187.95	188.02	187.29	186.61	185.66	185.35	185.43	185.57
TM1		℃	0	1	1,017.59	1,078.25	999.97	1,034.60	1,007.04	959.77	1,034.83	1,018.15	1,015.71	1,015.32	1,087.07	1,046.97	1,075.01	1,057.43	1,080.47	1,056.42
IRS		℃	0	1	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47

					04-24 16:00	04-24 16:30	04-24 17:00	04-24 17:30	04-24 18:00	04-24 18:30	04-24 19:00	04-24 19:30	04-24 20:00	04-24 20:30	04-24 21:00	04-24 21:30	04-24 22:00	04-24 22:30	04-24 23:00	04-24 23:30
TSP	20	mg/Sm³	12	1	0.73	0.57	0.66	0.53	0.58	0.56	0.59	0.57	0.74	0.54	0.58	0.54	0.56	0.57	0.58	0.56
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.00	0.00	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	27.60	20.06	13.76	19.78	13.24	20.15	20.93	20.40	27.18	21.80	18.09	20.26	21.45	20.99	18.98	20.52
HCl	15	ppm	12	1	0.67	0.16	0.29	0.00	0.03	0.00	0.02	0.06	1.39	0.91	1.46	0.28	0.52	0.57	0.76	0.33
CO	50	ppm	12	1	0.67	2.58	0.90	30.53	8.51	1.88	0.47	2.83	0.80	21.90	0.56	3.18	0.81	10.93	2.02	0.94
O_2		%	0	0.1	9.54	6.85	9.06	5.76	7.34	6.90	7.48	6.86	9.31	5.80	7.31	6.52	6.86	7.17	7.28	6.73
FL1		Sm³	12	10	11,587	14,364	11,808	15,593	13,677	14,095	13,517	14,309	11,409	15,561	13,578	14,136	13,898	13,545	13,769	14,541
TMP		℃	0	1	185.72	185.88	185.42	185.36	185.65	185.77	185.64	185.90	186.02	186.33	186.44	185.72	185.56	185.10	185.36	185.53
TM1		℃	0	1	1,022.97	1,022.64	928.38	1,053.62	1,017.98	1,027.09	1,007.49	1,026.85	1,027.90	1,065.43	1,019.91	1,048.51	1,032.98	1,030.21	1,022.35	1,023.01
IRS		℃	0	1	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47

04월 25일 굴뚝별 트렌드

					04-25 00:00	04-25 00:30	04-25 01:00	04-25 01:30	04-25 02:00	04-25 02:30	04-25 03:00	04-25 03:30	04-25 04:00	04-25 04:30	04-25 05:00	04-25 05:30	04-25 06:00	04-25 06:30	04-25 07:00	04-25 07:30
TSP	20	mg/Sm³	12	1	0.71	0.60	0.59	0.59	0.58	0.58	0.63	0.56	0.73	0.58	0.55	0.54	0.57	0.60	0.59	0.59
SOx	30	ppm	12	1	0.00	0.00	0.17	0.15	0.28	0.04	0.00	0.38	0.00	0.14	0.47	2.56	1.82	0.28	0.00	0.00
NOx	70	ppm	12	1	29.86	18.07	18.52	21.98	22.14	20.66	20.95	20.18	24.91	22.46	23.57	22.87	22.67	24.48	24.09	23.87
HCl	15	ppm	12	1	1.13	0.47	0.09	1.08	1.04	0.99	0.44	0.65	3.09	1.97	1.77	2.48	4.99	1.47	0.66	0.31
CO	50	ppm	12	1	0.49	0.49	20.53	9.79	16.38	4.98	0.51	10.96	1.21	4.76	1.25	31.21	16.80	15.69	1.65	0.88
O_2		%	0	0.1	9.14	7.55	6.63	6.94	6.70	7.01	7.28	6.39	9.35	6.98	6.18	6.00	6.85	7.37	7.26	6.82
FL1		Sm³	12	10	12,003	13,487	14,720	14,147	14,475	14,079	14,206	14,836	11,749	14,270	15,128	15,181	14,026	13,760	13,917	14,706
TMP		℃	0	1	186.01	186.19	186.16	186.48	186.44	186.37	186.63	186.77	186.73	186.76	186.84	186.87	186.31	186.36	186.30	186.57
TM1		℃	0	1	1,042.65	1,008.36	1,021.87	1,029.77	1,037.83	1,051.97	1,011.29	1,053.50	1,034.89	1,037.55	1,067.91	1,081.40	1,090.28	1,048.77	1,045.71	1,045.78
IRS		℃	0	1	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47

					04-25 08:00	04-25 08:30	04-25 09:00	04-25 09:30	04-25 10:00	04-25 10:30	04-25 11:00	04-25 11:30	04-25 12:00	04-25 12:30	04-25 13:00	04-25 13:30	04-25 14:00	04-25 14:30	04-25 15:00	04-25 15:30
TSP	20	mg/Sm³	12	1	0.80	0.60	0.55	0.45	0.44	0.45	0.45	6.30	0.46	0.44	0.44	0.46	0.44	0.44	0.44	0.51
SOx	30	ppm	12	1	0.42	0.07	1.47	0.48	0.22	35.97	0.01	0.00	0.00	0.00	0.00	0.00	0.34	0.86	0.06	0.29
NOx	70	ppm	12	1	25.45	35.15	26.17	0.22	0.28	79.91	0.41	0.03	0.00	0.00	0.00	0.00	49.60	62.65	51.46	39.34
HCl	15	ppm	12	1	1.85	0.75	2.86	0.45	1.04	11.30	0.34	0.35	0.35	0.42	0.43	0.47	5.19	6.81	4.30	3.58
CO	50	ppm	12	1	8.35	1.34	23.77	0.05	0.03	103.26	0.01	0.00	0.00	0.01	0.01	0.00	1.68	12.95	2.24	1.94
O_2		%	0	0.1	9.67	6.45	7.86	21.12	13.94	4.60	21.12	21.02	20.93	20.90	20.88	20.70	9.69	7.25	7.17	6.40
FL1		Sm³	12	10	11,012	15,058	16,151	18,971	18,940	19,082	19,177	19,221	19,088	18,038	18,622	19,244	18,815	18,439	18,901	16,315
TMP		℃	0	1	186.90	187.23	187.43	187.36	187.53	188.20	188.27	188.73	188.89	188.24	186.95	187.25	187.51	187.02	186.28	186.11
TM1		℃	0	1	1,052.67	1,062.39	1,050.88	1,016.13	1,086.27	1,085.08	1,091.30	1,084.25	1,075.48	1,060.57	1,054.19	1,094.81	1,104.08	1,068.97	1,033.26	1,056.78
IRS		℃	0	1	36.47	36.47	36.48	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.48

					04-25 16:00	04-25 16:30	04-25 17:00	04-25 17:30	04-25 18:00	04-25 18:30	04-25 19:00	04-25 19:30	04-25 20:00	04-25 20:30	04-25 21:00	04-25 21:30	04-25 22:00	04-25 22:30	04-25 23:00	04-25 23:30
TSP	20	mg/Sm³	12	1	0.73	0.58	0.60	0.56	0.57	0.62	0.62	0.64	0.76	0.56	0.67	0.57	0.55	0.56	0.60	0.59
SOx	30	ppm	12	1	1.91	1.49	0.00	1.41	0.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	48.81	29.37	34.24	36.36	30.53	26.68	22.49	19.79	26.33	26.50	18.64	23.50	22.51	27.70	25.11	30.04
HCl	15	ppm	12	1	7.14	5.39	3.49	2.73	3.72	3.73	3.03	2.68	3.07	1.21	1.82	0.21	0.65	0.49	0.51	0.50
CO	50	ppm	12	1	1.36	22.03	0.42	37.71	13.44	0.62	0.67	1.15	15.50	1.42	0.69	0.98	1.23	0.31	5.36	5.35
O_2		%	0	0.1	8.57	6.89	7.31	5.81	6.60	7.57	7.23	7.80	8.83	6.38	8.94	6.62	6.28	6.63	7.59	7.28
FL1		Sm³	12	10	12,059	14,046	13,940	15,528	14,505	13,545	14,105	13,343	12,306	14,696	11,784	14,428	14,402	14,021	13,024	13,517
TMP		℃	0	1	186.39	186.18	185.95	185.99	185.98	185.75	185.60	185.43	185.06	185.00	184.16	183.67	183.73	183.63	183.25	183.23
TM1		℃	0	1	1,092.34	1,080.59	1,038.86	1,091.17	1,081.71	1,017.18	1,016.42	992.40	1,019.20	1,050.17	971.64	1,032.83	1,074.41	1,074.78	1,037.97	1,069.61
IRS		℃	0	1	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.48	36.48	36.48	36.48	36.48