4월 17일 굴뚝별 트렌드

					04-17 00:00	04-17 00:30	04-17 01:00	04-17 01:30	04-17 02:00	04-17 02:30	04-17 03:00	04-17 03:30	04-17 04:00	04-17 04:30	04-17 05:00	04-17 05:30	04-17 06:00	04-17 06:30	04-17 07:00	04-17 07:30
TSP	20	mg/Sm³	12	1	0.76	0.61	0.59	0.61	0.64	0.65	0.62	0.60	0.75	0.61	0.60	0.61	0.61	0.58	0.62	0.64
SOx	30	ppm	12	1	0.00	5.93	0.08	0.62	0.00	0.00	0.00	1.08	0.01	1.26	0.00	0.00	0.41	1.27	0.42	0.00
NOx	70	ppm	12	1	33.54	28.34	30.88	30.78	23.79	27.61	24.65	25.34	35.22	23.66	26.20	25.89	23.64	32.43	28.22	30.99
HCl	15	ppm	12	1	5.49	7.20	5.02	5.56	5.38	2.62	2.26	2.96	5.47	3.08	2.07	1.19	1.13	2.32	3.05	2.08
CO	50	ppm	12	1	0.76	9.41	0.57	0.70	0.78	0.81	2.83	6.30	0.93	20.05	0.51	1.41	14.81	23.19	10.84	0.94
O_2		%	0	0.1	10.06	7.41	7.14	7.32	8.40	8.00	7.07	7.32	9.23	7.51	7.61	7.59	7.18	6.39	7.58	8.35
FL1		Sm³	12	10	11,344	13,799	14,230	14,134	12,739	13,421	14,581	14,099	11,901	13,711	13,444	13,557	14,277	15,237	13,681	12,747
TMP		℃	0	1	185.33	185.35	185.74	185.67	185.24	185.04	185.59	185.41	185.82	185.24	185.04	184.56	184.64	185.59	185.82	185.15
TM1		℃	0	1	1,030.83	1,059.31	1,046.57	1,034.03	1,001.98	1,012.19	1,031.91	1,007.33	1,054.31	1,025.79	1,027.53	1,028.68	1,035.07	1,079.63	1,020.17	993.20
IRS		℃	0	1	36.49	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	36.47	36.47

					04-17 08:00	04-17 08:30	04-17 09:00	04-17 09:30	04-17 10:00	04-17 10:30	04-17 11:00	04-17 11:30	04-17 12:00	04-17 12:30	04-17 13:00	04-17 13:30	04-17 14:00	04-17 14:30	04-17 15:00	04-17 15:30
TSP	20	mg/Sm³	12	1	0.75	0.64	0.61	0.55	0.54	0.59	0.52	0.57	0.73	0.49	0.52	0.52	0.51	0.53	0.49	0.52
SOx	30	ppm	12	1	0.07	0.64	0.00	0.08	5.73	10.36	2.38	1.00	0.00	0.00	0.01	0.00	0.08	0.14	0.00	0.00
NOx	70	ppm	12	1	38.18	23.76	28.80	29.53	25.33	32.03	26.93	31.51	38.04	25.04	19.19	24.90	18.72	22.84	22.59	22.78
HCl	15	ppm	12	1	1.97	1.51	0.68	0.32	2.44	12.39	11.16	6.92	6.14	1.07	1.01	0.68	1.12	1.00	1.26	0.89
CO	50	ppm	12	1	7.72	31.25	1.18	3.21	38.72	0.49	19.04	20.12	0.98	13.30	39.91	18.19	32.78	15.99	3.09	1.07
O_2		%	0	0.1	8.64	7.52	7.38	5.40	5.64	6.48	5.89	6.24	9.39	5.64	5.99	6.35	6.09	6.02	5.78	6.52
FL1		Sm³	12	10	12,377	13,514	13,908	16,347	15,727	15,047	14,776	15,244	10,738	14,701	14,650	14,537	14,533	15,132	14,595	14,181
TMP		℃	0	1	185.35	185.35	185.10	186.18	187.16	187.56	187.18	187.35	187.11	186.17	185.82	186.05	185.74	185.76	185.83	185.77
TM1		℃	0	1	1,050.17	995.18	1,026.25	1,083.71	1,078.22	1,081.61	1,084.81	1,076.31	1,056.67	1,068.91	1,075.08	1,042.73	1,075.61	1,079.35	1,106.01	1,056.17
IRS		℃	0	1	36.47	36.47	36.47	36.47	36.48	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51

					04-17 16:00	04-17 16:30	04-17 17:00	04-17 17:30	04-17 18:00	04-17 18:30	04-17 19:00	04-17 19:30	04-17 20:00	04-17 20:30	04-17 21:00	04-17 21:30	04-17 22:00	04-17 22:30	04-17 23:00	04-17 23:30
TSP	20	mg/Sm³	12	1	0.66	0.50	0.54	0.55	0.51	0.51	0.55	0.51	0.68	0.56	0.54	0.55	0.54	0.55	0.59	0.51
SOx	30	ppm	12	1	0.00	0.00	0.04	0.17	0.12	0.06	0.00	0.00	0.00	0.38	0.08	0.00	0.15	0.01	0.00	0.52
NOx	70	ppm	12	1	34.39	25.72	28.53	31.45	26.29	22.21	22.52	26.23	30.99	23.38	24.52	29.03	29.44	24.86	25.07	30.84
HCl	15	ppm	12	1	1.65	0.94	1.19	1.47	2.59	1.81	1.52	1.25	2.41	1.66	1.56	2.32	2.58	3.17	2.01	2.47
CO	50	ppm	12	1	0.72	0.48	0.95	0.63	1.38	14.01	13.65	6.79	0.74	24.03	1.32	0.57	0.60	0.51	0.89	1.46
O_2		%	0	0.1	9.33	5.81	6.50	6.50	6.32	6.43	6.83	5.96	9.32	6.93	6.61	7.23	6.90	7.33	8.13	6.00
FL1		Sm³	12	10	11,586	14,964	14,689	14,975	14,145	14,282	14,255	14,771	11,386	13,876	14,276	13,447	13,933	13,292	12,453	15,076
TMP		℃	0	1	185.40	185.78	185.97	186.87	186.78	186.20	186.24	186.04	185.19	184.63	184.31	183.90	183.77	183.66	183.10	183.41
TM1		℃	0	1	1,044.00	1,078.92	1,059.59	1,067.37	1,067.83	1,050.34	1,019.69	1,048.87	1,043.16	1,016.49	1,038.28	1,030.67	1,037.89	1,034.25	983.28	1,076.20
IRS		℃	0	1	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51

4월 18일 굴뚝별 트렌드

					04-18 00:00	04-18 00:30	04-18 01:00	04-18 01:30	04-18 02:00	04-18 02:30	04-18 03:00	04-18 03:30	04-18 04:00	04-18 04:30	04-18 05:00	04-18 05:30	04-18 06:00	04-18 06:30	04-18 07:00	04-18 07:30
TSP	20	mg/Sm³	12	1	0.70	0.58	0.53	0.52	0.58	0.53	0.53	0.56	0.70	0.58	0.60	0.53	0.61	0.57	0.64	0.56
SOx	30	ppm	12	1	0.03	0.02	0.19	1.12	0.00	4.30	4.54	0.65	0.29	2.89	0.07	0.51	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	34.96	25.96	27.03	24.85	28.71	25.85	27.67	27.79	41.89	28.36	26.44	23.85	31.88	29.65	30.54	31.16
HCl	15	ppm	12	1	4.85	3.73	4.28	3.37	3.69	8.01	10.09	8.28	6.95	4.63	2.81	1.19	1.64	1.40	1.72	1.06
CO	50	ppm	12	1	0.52	1.02	0.75	22.13	1.01	17.26	3.13	2.76	0.21	21.82	15.06	34.51	1.28	0.58	1.03	0.75
O_2		%	0	0.1	9.07	7.59	6.62	6.19	7.44	6.26	6.53	7.07	9.00	7.19	7.61	5.69	7.81	6.79	8.34	6.48
FL1		Sm³	12	10	11,453	13,348	14,292	14,515	13,467	14,475	14,214	13,719	11,956	13,827	13,449	15,482	13,302	14,333	12,788	14,963
TMP		℃	0	1	183.85	183.95	183.75	183.73	183.80	183.84	183.53	183.39	183.51	183.64	183.53	183.26	183.34	183.45	183.25	183.59
TM1		℃	0	1	1,060.78	994.96	1,046.99	1,079.63	1,019.11	1,059.46	1,055.44	1,034.30	1,097.71	1,074.90	1,014.10	1,057.55	1,018.98	1,032.07	965.27	1,016.47
IRS		℃	0	1	36.51	36.51	36.50	36.49	36.49	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47

					04-18 08:00	04-18 08:30	04-18 09:00	04-18 09:30	04-18 10:00	04-18 10:30	04-18 11:00	04-18 11:30	04-18 12:00	04-18 12:30	04-18 13:00	04-18 13:30	04-18 14:00	04-18 14:30	04-18 15:00	04-18 15:30
TSP	20	mg/Sm³	12	1	0.71	0.55	0.58	0.42	0.42	0.41	0.41	0.41	0.40	0.42	0.42	0.41	0.40	0.40	0.40	0.41
SOx	30	ppm	12	1	0.15	2.01	0.06	1.45	0.00	27.25	16.65	0.90	0.31	0.00	0.02	0.83	0.55	0.85	0.00	0.25
NOx	70	ppm	12	1	34.42	24.21	25.79	8.75	0.17	60.01	35.43	0.93	0.28	0.39	0.52	23.05	71.33	94.06	60.07	45.04
HCl	15	ppm	12	1	3.17	4.21	2.09	2.70	0.40	23.51	0.72	0.26	0.18	0.21	0.16	1.05	5.72	5.83	4.45	4.86
CO	50	ppm	12	1	0.78	23.94	1.52	0.14	0.00	77.96	44.90	0.00	0.00	0.00	0.00	0.03	3.94	19.64	1.12	18.84
O_2		%	0	0.1	8.58	6.55	7.11	17.56	13.41	0.16	16.43	21.13	21.09	20.91	20.90	18.04	7.11	7.33	6.53	6.93
FL1		Sm³	12	10	12,422	14,515	14,190	18,415	18,252	18,204	18,341	18,143	17,596	18,084	17,899	17,960	18,062	17,737	18,439	18,375
TMP		℃	0	1	184.05	184.51	184.54	184.43	184.61	184.76	184.78	184.94	184.79	184.80	185.08	185.42	185.54	185.58	186.02	186.48
TM1		℃	0	1	1,040.39	1,072.57	1,009.27	1,031.28	1,051.89	1,050.79	1,059.86	1,088.48	1,069.65	1,073.14	1,079.43	1,069.20	1,061.35	1,047.35	1,065.95	1,046.43
IRS		℃	0	1	36.47	36.47	36.50	36.48	36.48	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47

					04-18 16:00	04-18 16:30	04-18 17:00	04-18 17:30	04-18 18:00	04-18 18:30	04-18 19:00	04-18 19:30	04-18 20:00	04-18 20:30	04-18 21:00	04-18 21:30	04-18 22:00	04-18 22:30	04-18 23:00	04-18 23:30
TSP	20	mg/Sm³	12	1	0.70	0.56	0.61	0.57	0.54	0.57	0.55	0.61	0.69	0.53	0.56	0.55	0.57	0.56	0.55	0.59
SOx	30	ppm	12	1	0.14	2.66	0.00	0.00	0.00	0.00	0.00	0.11	0.09	0.00	0.00	0.35	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	41.56	28.02	29.02	24.14	20.50	20.57	23.73	20.74	31.06	28.22	28.46	25.91	28.45	31.42	28.59	27.91
HCl	15	ppm	12	1	5.15	10.11	5.13	1.26	0.27	0.00	0.00	0.00	0.22	0.03	0.18	0.31	0.06	0.04	0.05	0.02
CO	50	ppm	12	1	3.09	1.14	21.36	10.29	1.42	0.79	1.01	23.08	11.03	0.35	2.64	4.81	0.68	0.69	1.37	0.53
O_2		%	0	0.1	9.36	7.13	8.21	7.53	6.72	7.40	6.32	7.59	9.12	6.39	7.05	6.87	7.38	6.53	6.42	7.41
FL1		Sm³	12	10	11,347	13,956	12,809	13,697	14,450	13,604	15,193	13,556	11,844	14,667	14,103	14,218	13,865	14,835	14,877	13,819
TMP		℃	0	1	186.82	187.28	186.91	186.30	186.00	186.11	186.18	186.21	185.24	185.24	184.99	184.78	184.74	184.86	185.09	185.04
TM1		℃	0	1	1,028.52	1,035.25	976.11	1,001.65	1,049.95	1,018.33	1,060.85	1,007.73	1,049.91	1,102.45	1,058.29	1,059.87	1,004.36	1,033.46	1,047.47	1,024.18
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 19일 굴뚝별 트렌드

					04-19 00:00	04-19 00:30	04-19 01:00	04-19 01:30	04-19 02:00	04-19 02:30	04-19 03:00	04-19 03:30	04-19 04:00	04-19 04:30	04-19 05:00	04-19 05:30	04-19 06:00	04-19 06:30	04-19 07:00	04-19 07:30
TSP	20	mg/Sm³	12	1	0.72	0.60	0.54	0.56	0.56	0.58	0.57	0.59	0.70	0.59	0.59	0.57	0.54	0.54	0.55	0.57
SOx	30	ppm	12	1	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.45	0.47	1.69	0.00	0.14	0.03	0.02	0.03
NOx	70	ppm	12	1	40.25	28.67	31.19	29.36	23.74	26.71	24.26	25.26	34.46	25.15	26.30	32.23	25.60	27.51	29.17	28.78
HCl	15	ppm	12	1	0.45	0.10	0.16	0.34	0.04	0.00	0.00	0.00	0.40	0.96	1.91	0.56	0.10	0.07	0.02	0.15
CO	50	ppm	12	1	0.64	0.71	0.54	0.42	0.55	0.47	0.57	0.78	11.31	4.40	14.82	0.47	10.12	0.51	0.24	0.31
O_2		%	0	0.1	9.45	7.76	6.40	6.64	7.08	7.62	7.12	7.32	9.07	7.65	7.42	7.31	6.15	5.98	6.30	6.70
FL1		Sm³	12	10	11,725	13,349	15,008	14,752	14,011	13,519	14,129	13,904	12,355	13,404	13,761	14,049	15,360	15,464	15,186	14,631
TMP		℃	0	1	184.80	184.62	184.62	185.07	185.09	184.81	184.69	184.70	184.65	184.74	184.64	184.48	184.82	185.35	185.58	185.64
TM1		℃	0	1	1,024.53	1,005.07	1,045.20	1,043.62	1,027.86	1,019.77	1,020.75	1,001.93	1,037.51	1,016.29	1,013.70	1,019.40	1,071.01	1,080.33	1,070.75	1,060.17
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	36.48

					04-19 08:00	04-19 08:30	04-19 09:00	04-19 09:30	04-19 10:00	04-19 10:30	04-19 11:00	04-19 11:30	04-19 12:00	04-19 12:30	04-19 13:00	04-19 13:30	04-19 14:00	04-19 14:30	04-19 15:00	04-19 15:30
TSP	20	mg/Sm³	12	1	0.76	0.57	0.62	0.64	0.55	0.55	0.56	0.62	0.75	0.60	0.62	0.62	0.65	0.65	0.60	0.67
SOx	30	ppm	12	1	0.51	0.46	0.00	0.00	0.00	0.14	0.74	1.36	2.64	0.82	13.31	2.40	0.00	0.45	0.00	0.00
NOx	70	ppm	12	1	37.30	22.55	27.24	24.14	26.66	26.88	24.81	26.07	38.18	26.14	24.78	26.75	31.13	26.11	27.71	29.14
HCl	15	ppm	12	1	1.62	0.45	0.24	0.00	0.00	0.00	0.00	0.16	0.59	0.67	6.68	4.83	3.48	2.79	2.44	3.76
CO	50	ppm	12	1	0.30	15.76	0.56	0.90	0.59	0.70	20.39	17.56	3.50	4.30	30.04	1.33	0.87	1.71	0.81	1.13
O_2		%	0	0.1	9.52	6.93	8.11	8.57	6.22	6.24	5.99	6.87	8.47	6.74	7.14	7.28	8.27	8.05	7.37	8.96
FL1		Sm³	12	10	11,071	14,030	12,973	12,501	15,060	15,224	15,537	14,877	12,414	14,694	14,199	14,104	13,096	13,232	13,896	12,055
TMP		℃	0	1	185.33	184.57	184.04	183.62	183.57	184.33	184.89	185.51	185.84	185.88	185.71	185.56	185.26	185.09	184.85	184.37
TM1		℃	0	1	1,078.51	1,066.37	1,021.09	978.75	1,072.61	1,077.59	1,086.53	1,067.35	1,112.64	1,076.37	1,065.24	1,062.53	1,011.22	1,006.45	1,032.93	984.37
IRS		℃	0	1	36.49	36.50	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	36.47

					04-19 16:00	04-19 16:30	04-19 17:00	04-19 17:30	04-19 18:00	04-19 18:30	04-19 19:00	04-19 19:30	04-19 20:00	04-19 20:30	04-19 21:00	04-19 21:30	04-19 22:00	04-19 22:30	04-19 23:00	04-19 23:30
TSP	20	mg/Sm³	12	1	0.77	0.60	0.61	0.62	0.61	0.61	0.60	0.63	0.80	0.65	0.62	0.62	0.63	0.65	0.61	0.64
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.25	0.66	0.00	0.00	4.30	0.00	7.04	1.28	3.63	1.82	6.69	0.72
NOx	70	ppm	12	1	36.92	30.82	28.75	31.98	29.97	28.09	26.57	27.12	37.39	29.41	24.01	29.38	28.85	28.36	24.71	29.45
HCl	15	ppm	12	1	1.91	0.25	0.42	0.04	0.17	1.36	1.82	1.63	3.45	2.00	3.95	1.99	5.15	10.17	9.03	5.20
CO	50	ppm	12	1	0.76	0.53	0.55	0.51	0.51	0.66	0.59	0.65	17.58	0.59	28.35	1.34	4.10	0.73	24.01	13.79
O_2		%	0	0.1	9.73	7.19	7.44	6.88	6.72	7.14	7.36	7.46	9.13	7.72	6.79	7.20	7.15	7.85	6.82	7.31
FL1		Sm³	12	10	11,286	14,145	13,925	14,973	15,082	14,235	13,890	14,051	11,659	13,818	14,662	14,210	14,379	13,516	14,659	14,199
TMP		℃	0	1	184.35	184.61	185.13	185.77	186.56	186.56	185.91	186.01	186.31	186.34	186.13	185.97	185.94	185.88	185.95	185.90
TM1		℃	0	1	1,042.49	1,044.63	1,051.70	1,036.15	1,053.07	1,052.56	1,035.22	1,029.43	1,065.61	1,021.19	1,059.23	1,059.78	1,054.65	1,021.17	1,068.32	1,033.74
IRS		℃	0	1	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.46	36.46	36.47	36.46	36.46	36.46	36.47	36.47	36.47