06월 22일 굴뚝별 트렌드

					06-22	06-22	06-22	06-22	06-22	06-22	06-22	06-22	06-22	06-22	06-22	06-22	06-22	06-22	06-22
					00:00	00:30	01:00	01:30	02:00	02:30	03:00	03:30	04:00	04:30	05:00	05:30	06:00	06:30	07:00	07:30
TSP	20	mg/S㎥	12	1	1.08	0.78	0.81	0.85	0.78	0.84	0.76	0.87	0.98	0.84	0.84	0.83	0.86	0.88	0.84	0.81
SOx	30	ppm	12	1	0.11	3.49	0.62	0.04	4.41	0.40	2.12	0.00	1.98	0.17	2.18	0.95	0.14	0.12	3.40	0.16
NOx	70	ppm	12	1	36.12	28.98	25.00	23.28	24.16	25.72	28.18	27.43	33.80	24.38	30.22	29.83	28.08	25.86	27.55	27.68
HCl	15	ppm	12	1	1.83	2.29	2.65	2.38	6.25	5.11	4.01	1.27	2.40	1.91	1.73	1.90	2.35	3.27	5.89	1.41
CO	50	ppm	12	1	0.16	0.41	0.16	0.31	0.18	3.22	1.50	0.34	0.29	0.45	0.43	0.38	0.37	0.30	0.25	0.23
O_2		%	0	0.1	8.90	5.51	6.51	7.22	6.07	6.94	6.08	7.55	9.26	8.00	6.31	7.47	7.45	7.22	6.50	6.70
FL1		Sm³	12	10	10,458	13,848	12,877	12,331	13,206	12,522	13,267	11,947	10,125	11,569	13,139	12,238	12,166	12,268	12,861	12,642
TMP		℃	0	1	187.76	188.10	188.02	187.61	187.53	187.38	187.74	187.71	187.29	186.86	187.06	187.08	187.03	187.36	187.76	187.54
TM1		℃	0	1	1,092.51	1,129.04	1,075.81	1,027.97	1,085.90	1,050.96	1,103.91	1,037.11	1,087.80	1,040.00	1,087.72	1,046.29	1,044.07	1,041.28	1,070.17	1,061.99
IRS		℃	0	1	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59

					06-22	06-22	06-22	06-22	06-22	06-22	06-22	06-22	06-22	06-22	06-22	06-22	06-22	06-22	06-22	06-22
					08:00	08:30	09:00	09:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30
TSP	20	mg/S㎥	12	1	1.13	0.81	0.78	0.90	0.75	0.79	0.79	0.79	1.08	0.76	0.76	0.79	0.87	0.88	0.89	0.89
SOx	30	ppm	12	1	0.02	0.01	1.16	0.00	0.00	0.00	0.16	0.00	0.00	0.31	0.00	1.75	0.38	4.17	0.00	0.00
NOx	70	ppm	12	1	21.87	18.52	20.43	18.35	17.76	19.35	20.49	15.29	15.35	16.20	18.28	21.99	17.94	21.66	19.48	14.72
HCl	15	ppm	12	1	2.16	0.21	1.20	0.08	0.06	0.00	0.05	0.00	0.00	0.00	0.00	0.17	1.27	3.92	3.19	0.33
CO	50	ppm	12	1	0.57	0.65	0.78	0.57	0.26	0.24	0.33	0.29	1.73	18.32	0.23	32.07	0.33	0.75	0.41	0.44
O_2		%	0	0.1	9.78	6.77	6.27	6.72	6.28	6.70	5.67	6.34	8.36	4.99	6.09	4.90	6.89	5.58	6.51	7.31
FL1		Sm³	12	10	9,727	12,799	13,380	12,842	13,218	12,846	13,712	13,179	10,893	14,246	13,361	14,307	12,430	13,384	12,834	12,203
TMP		℃	0	1	187.86	187.56	187.66	188.22	187.34	187.49	188.10	188.15	187.90	187.98	187.96	188.17	188.43	188.78	188.80	188.35
TM1		℃	0	1	1,037.71	1,033.67	1,070.65	1,040.35	1,059.06	1,043.90	1,077.05	1,039.86	1,062.27	1,106.73	1,063.64	1,121.43	1,059.70	1,091.80	1,054.39	1,022.16
IRS		℃	0	1	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59

					06-22	06-22	06-22	06-22	06-22	06-22	06-22	06-22	06-22	06-22	06-22	06-22	06-22	06-22	06-22	06-22
					16:00	16:30	17:00	17:30	18:00	18:30	19:00	19:30	20:00	20:30	21:00	21:30	22:00	22:30	23:00	23:30
TSP	20	mg/S㎥	12	1	1.10	0.91	0.90	0.90	0.82	0.86	0.86	0.80	1.08	0.85	0.82	0.88	0.87	0.85	0.80	0.86
SOx	30	ppm	12	1	3.56	0.38	0.20	0.00	0.00	0.55	0.15	0.00	0.02	0.63	0.00	0.83	1.41	1.48	0.00	0.00
NOx	70	ppm	12	1	21.98	19.18	17.11	17.96	15.61	13.04	11.18	12.66	17.05	17.80	12.72	17.65	15.63	16.84	11.54	20.26
HCl	15	ppm	12	1	0.45	1.56	1.67	1.61	1.57	1.42	0.72	0.38	1.14	2.23	1.11	2.41	2.58	3.19	1.83	0.09
CO	50	ppm	12	1	40.97	3.84	0.61	0.39	0.60	1.71	0.31	0.31	0.38	0.27	0.30	0.29	0.29	0.22	0.31	0.20
O_2		%	0	0.1	8.17	7.20	7.56	7.04	6.88	6.20	6.50	6.49	9.79	6.93	7.16	7.06	6.36	6.42	7.68	6.39
FL1		Sm³	12	10	11,466	12,194	12,083	12,570	12,740	13,263	13,145	12,909	10,285	12,377	12,227	12,331	12,943	12,878	11,775	12,990
TMP		℃	0	1	188.13	188.55	187.96	187.59	187.69	188.05	188.31	188.14	187.60	187.53	187.01	187.10	187.53	188.07	187.06	186.84
TM1		℃	0	1	1,077.19	1,043.88	1,006.85	1,022.68	1,028.05	1,052.89	1,034.92	1,038.53	1,025.99	1,030.15	1,024.94	1,029.99	1,050.83	1,058.24	1,014.75	1,074.71
IRS		℃	0	1	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59

06월 23일 굴뚝별 트렌드

					06-23 00:00	06-23 00:30	06-23 01:00	06-23 01:30	06-23 02:00	06-23 02:30	06-23 03:00	06-23 03:30	06-23 04:00	06-23 04:30	06-23 05:00	06-23 05:30	06-23 06:00	06-23 06:30	06-23 07:00	06-23 07:30
TSP	20	mg/Sm³	12	1	1.18	0.88	0.90	0.93	0.87	0.86	0.89	0.93	1.11	0.90	0.87	0.81	0.88	0.89	0.80	0.88
SOx	30	ppm	12	1	0.38	0.00	0.00	0.00	5.59	0.03	1.89	3.23	0.00	0.00	0.00	1.83	0.65	1.89	5.67	0.54
NOx	70	ppm	12	1	21.56	15.07	10.25	12.05	12.43	15.46	13.28	13.35	15.31	14.05	18.36	16.48	13.10	20.72	23.87	16.18
HCl	15	ppm	12	1	2.23	0.69	0.10	0.00	1.80	1.14	1.01	9.43	2.47	0.00	0.00	0.37	2.30	1.16	5.54	4.57
CO	50	ppm	12	1	0.39	0.41	0.36	0.31	8.72	0.14	0.30	0.36	0.34	0.37	0.37	2.60	0.43	0.30	0.20	0.30
O_2		%	0	0.1	8.78	6.23	7.19	6.42	5.13	6.10	6.96	7.31	9.38	7.00	5.48	5.65	7.58	5.94	5.47	6.74
FL1		Sm³	12	10	10,465	13,169	12,334	13,082	14,130	13,259	12,574	12,312	10,358	12,584	13,987	13,858	12,113	13,623	13,941	12,774
TMP		℃	0	1	187.71	188.04	187.72	187.86	188.58	188.63	187.95	187.79	186.90	186.25	186.65	186.87	186.91	187.18	187.89	187.91
TM1		℃	0	1	1,073.53	1,059.93	1,013.59	1,042.22	1,098.19	1,068.85	1,030.24	1,017.83	1,040.97	1,025.20	1,090.95	1,106.83	1,012.70	1,063.92	1,113.27	1,049.83
IRS		℃	0	1	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59

					06-23 08:00	06-23 08:30	06-23 09:00	06-23 09:30	06-23 10:00	06-23 10:30	06-23 11:00	06-23 11:30	06-23 12:00	06-23 12:30	06-23 13:00	06-23 13:30	06-23 14:00	06-23 14:30	06-23 15:00	06-23 15:30
TSP	20	mg/Sm³	12	1	1.16	0.88	0.83	0.89	0.87	0.90	0.88	0.87	1.11	0.82	0.88	0.85	0.84	0.88	0.90	0.80
SOx	30	ppm	12	1	4.80	2.01	0.01	0.00	1.20	0.00	0.82	10.35	6.14	0.00	0.70	3.06	5.43	4.77	0.00	2.13
NOx	70	ppm	12	1	27.14	19.13	19.61	18.66	21.20	15.71	16.13	17.36	27.30	13.16	21.70	22.43	17.25	19.93	23.64	23.47
HCl	15	ppm	12	1	12.05	5.24	3.27	1.24	1.30	2.41	1.34	3.81	6.32	0.60	0.72	4.10	6.13	8.12	3.08	3.96
CO	50	ppm	12	1	0.28	0.20	0.22	0.32	0.58	0.18	0.16	3.03	0.63	0.29	0.20	0.13	0.68	0.34	0.28	0.15
O_2		%	0	0.1	8.84	6.38	5.57	6.22	5.50	6.62	6.28	5.08	8.91	7.75	6.07	5.86	6.74	6.81	6.49	5.69
FL1		Sm³	12	10	10,610	13,061	13,845	13,086	13,575	12,670	13,227	14,565	10,431	12,029	13,313	13,469	12,619	12,587	12,741	13,448
TMP		℃	0	1	187.95	188.02	188.12	188.11	188.44	188.86	188.88	189.33	189.33	187.91	187.84	188.61	188.68	188.43	188.28	188.46
TM1		℃	0	1	1,076.61	1,062.00	1,095.51	1,068.03	1,102.76	1,051.81	1,059.56	1,110.20	1,102.33	1,021.57	1,075.50	1,091.20	1,051.56	1,061.86	1,059.05	1,111.09
IRS		℃	0	1	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59

					06-23 16:00	06-23 16:30	06-23 17:00	06-23 17:30	06-23 18:00	06-23 18:30	06-23 19:00	06-23 19:30	06-23 20:00	06-23 20:30	06-23 21:00	06-23 21:30	06-23 22:00	06-23 22:30	06-23 23:00	06-23 23:30
TSP	20	mg/Sm³	12	1	1.10	0.82	0.84	0.89	0.87	0.91	0.86	0.89	1.20	0.89	0.93	0.91	0.99	0.92	1.06	0.97
SOx	30	ppm	12	1	0.00	1.21	0.00	0.00	0.00	0.00	1.07	0.32	6.00	0.16	0.00	0.01	0.57	4.33	0.00	0.00
NOx	70	ppm	12	1	18.82	20.89	15.10	17.13	16.57	14.93	19.86	15.39	29.21	24.23	19.77	21.05	19.44	21.42	22.85	18.11
HCl	15	ppm	12	1	3.58	2.30	1.38	0.40	0.85	0.84	0.98	3.11	11.39	6.02	2.83	2.41	3.12	7.69	2.15	0.79
CO	50	ppm	12	1	0.49	0.65	0.42	0.43	0.24	0.27	0.21	0.33	0.29	0.20	0.64	0.34	0.40	0.25	0.36	0.27
O_2		%	0	0.1	9.78	6.18	7.71	7.08	6.69	6.82	6.20	7.42	9.19	7.27	8.22	7.48	7.28	6.45	7.58	6.96
FL1		Sm³	12	10	10,170	13,134	11,771	12,433	12,788	12,574	13,128	12,078	10,215	12,073	11,283	11,942	12,150	12,897	11,926	12,458
TMP		℃	0	1	188.42	187.97	187.43	186.97	187.57	188.34	188.50	188.64	188.81	188.85	188.11	187.80	188.04	188.47	188.44	188.10
TM1		℃	0	1	1,037.01	1,081.69	1,008.15	1,022.99	1,035.99	1,028.42	1,067.04	1,015.98	1,055.88	1,041.29	992.82	1,023.64	1,014.23	1,058.20	1,017.35	1,045.00
IRS		℃	0	1	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59

06월 24일 굴뚝별 트렌드

					06-24 00:00	06-24 00:30	06-24 01:00	06-24 01:30	06-24 02:00	06-24 02:30	06-24 03:00	06-24 03:30	06-24 04:00	06-24 04:30	06-24 05:00	06-24 05:30	06-24 06:00	06-24 06:30	06-24 07:00	06-24 07:30
TSP	20	mg/Sm³	12	1	1.19	0.90	0.90	0.88	0.94	0.87	0.90	0.96	1.24	0.99	0.96	0.99	0.92	0.94	0.95	0.95
SOx	30	ppm	12	1	0.00	6.01	7.18	0.41	0.00	0.00	0.00	0.00	0.00	9.13	5.26	0.05	6.02	4.43	0.55	0.38
NOx	70	ppm	12	1	25.25	27.08	28.24	27.01	21.36	19.41	19.99	17.30	26.10	17.96	14.95	15.68	17.32	22.35	22.73	22.42
HCl	15	ppm	12	1	1.17	0.77	5.43	2.13	0.57	0.00	0.00	0.00	2.07	3.01	6.58	0.76	4.63	6.28	2.67	3.11
CO	50	ppm	12	1	0.26	0.56	1.99	0.19	0.73	0.26	0.22	0.22	0.27	0.27	0.37	0.23	0.36	0.17	0.20	0.11
O_2		%	0	0.1	9.81	5.69	5.99	6.63	9.09	7.38	7.02	7.05	9.58	5.50	6.82	6.62	6.43	6.93	6.79	6.46
FL1		Sm³	12	10	9,937	13,564	13,328	12,757	10,589	12,116	12,495	12,473	10,291	13,801	12,740	12,926	12,946	12,487	12,592	12,814
TMP		℃	0	1	187.42	187.70	188.41	188.20	186.80	185.64	185.88	186.55	187.36	188.41	188.97	188.41	188.39	188.35	188.18	188.45
TM1		℃	0	1	1,038.87	1,095.71	1,094.96	1,070.71	971.60	1,024.49	1,033.73	1,024.79	1,023.35	1,085.30	1,052.31	1,028.91	1,062.09	1,039.91	1,039.51	1,058.91
IRS		℃	0	1	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59

					06-24 08:00	06-24 08:30	06-24 09:00	06-24 09:30	06-24 10:00	06-24 10:30	06-24 11:00	06-24 11:30	06-24 12:00	06-24 12:30	06-24 13:00	06-24 13:30	06-24 14:00	06-24 14:30	06-24 15:00	06-24 15:30
TSP	20	mg/Sm³	12	1	1.30	0.97	0.92	0.90	0.81	0.83	0.85	0.84	1.16	0.89	0.85	0.86	0.81	0.85	0.76	0.83
SOx	30	ppm	12	1	0.01	0.44	1.14	0.62	0.06	0.01	0.07	0.04	0.00	0.00	0.00	0.00	2.16	0.00	0.14	0.68
NOx	70	ppm	12	1	25.86	18.70	19.04	19.58	21.55	23.55	19.18	19.47	21.40	11.15	16.34	15.17	22.15	22.42	22.12	25.27
HCl	15	ppm	12	1	4.72	2.79	4.06	1.08	0.75	0.00	0.12	0.12	0.36	0.00	0.00	0.00	0.01	0.00	0.00	0.08
CO	50	ppm	12	1	0.22	0.22	0.12	0.44	0.07	0.07	0.32	0.05	0.20	0.17	0.23	0.13	11.28	0.15	0.21	0.06
O_2		%	0	0.1	9.14	6.27	6.13	5.66	5.85	5.45	5.51	6.06	9.02	6.58	5.44	6.24	5.13	6.27	5.19	5.76
FL1		Sm³	12	10	10,182	12,894	13,112	13,562	13,395	13,785	13,671	13,033	10,307	12,533	13,437	12,740	13,559	12,691	13,822	13,235
TMP		℃	0	1	188.74	188.82	189.20	189.27	188.61	188.31	188.34	188.32	188.30	188.02	188.19	188.42	188.66	188.71	188.19	188.33
TM1		℃	0	1	1,044.36	1,057.80	1,066.77	1,084.95	1,091.88	1,099.79	1,095.03	1,074.15	1,034.15	1,036.16	1,076.69	1,058.59	1,111.27	1,075.34	1,107.40	1,111.71
IRS		℃	0	1	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59

					06-24 16:00	06-24 16:30	06-24 17:00	06-24 17:30	06-24 18:00	06-24 18:30	06-24 19:00	06-24 19:30	06-24 20:00	06-24 20:30	06-24 21:00	06-24 21:30	06-24 22:00	06-24 22:30	06-24 23:00	06-24 23:30
TSP	20	mg/Sm³	12	1	1.18	0.87	0.95	0.92	0.90	0.85	0.94	0.82	1.11	0.92	0.96	0.90	0.90	0.89	0.81	0.86
SOx	30	ppm	12	1	0.00	0.46	0.00	0.00	0.00	3.01	1.32	0.24	6.42	0.04	0.01	0.05	0.20	0.88	2.45	0.48
NOx	70	ppm	12	1	27.26	20.62	14.13	19.83	18.47	26.05	18.36	19.59	22.95	20.45	13.17	23.38	20.87	22.00	25.08	29.60
HCl	15	ppm	12	1	2.19	1.29	0.93	0.24	1.12	1.35	2.64	0.95	1.74	0.44	0.30	0.00	0.24	0.19	1.83	1.37
CO	50	ppm	12	1	0.18	0.11	0.21	0.19	0.19	0.08	0.25	0.36	37.26	0.33	0.43	0.16	0.20	0.29	0.31	0.10
O_2		%	0	0.1	9.14	5.76	6.95	6.42	6.68	5.75	6.99	6.07	8.04	6.96	7.66	5.70	6.18	5.59	5.69	5.96
FL1		Sm³	12	10	10,136	13,296	12,332	12,874	12,697	13,342	12,266	13,205	10,595	12,128	11,547	13,304	12,905	13,520	13,376	13,144
TMP		℃	0	1	189.01	189.51	189.61	189.21	189.09	189.28	189.48	189.23	188.59	188.34	187.81	187.71	188.11	188.40	188.39	188.36
TM1		℃	0	1	1,061.55	1,088.52	1,031.02	1,046.86	1,044.55	1,105.67	1,059.25	1,067.73	1,113.05	1,039.71	1,003.26	1,080.29	1,071.86	1,093.31	1,117.83	1,115.57
IRS		℃	0	1	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59