측정자료이력(stack #1)

결재	담 당	조 장	팀 장	소 장
	김만기	곽재홍	최서영	

- 측정소명 : 경산시 자원회수시설 stack #1 (30분 자료 - 보정후 값)
- 조회기간 : 2026/07/13 00:00 ~ 2026/07/13 23:55

측정항목코드	001 C0b	001 HCL	001 NOX	001 S02	001 TM1	001 TSP	001 02b	001 FL1	001 TMP		
측정항목단위	PPM	PPM	PPM	PPM	DEG	Mgm	% 0	SM3	DEG		
측정 규제값	0-20	0-10	0-30	0-10	0-16,000	0-20	0-12	0-100,000	0-300		
측정 최소값	0.66	0.00	2.62	0.00	883.11	0.44	5.77	11,897.50	187.21		
측정 최대값	11.61	0.43	12.55	0.00	1,007.41	0.58	8.31	14,668.50	190.20		
측정 누적값	74.66	4.15	119.17	0.00	39,181.74	20.41	280.12	550,567	7,736.44		
측정 평균값	2.87	0.16	4.58	0.00	955.65	0.50	6.83	13,428.45	188.69		
2026/07/13 00:00	2.98	0.06	5.30	0.00	882.97	0.64		10,008.20	187.52		
2026/07/13 00:30	3.65	0.00	7.83	0.00	938.55	0.48	6.77	13,739.30	187.85		
2026/07/13 01:00	3.18	0.00	8.27	0.00	938.27	0.47	6.71	13,983.30	188.58		
2026/07/13 01:30	6.03	0.00	6.20	0.00	939.47	0.48	6.90	13,280.60	188.28		
2026/07/13 02:00	2.48	0.00	9.58	0.00	955.33	0.46	6.67	13,368.90	187.81		
2026/07/13 02:30	32.01	0.00	9.47	0.00	984.89	0.45	6.00	14,496.30	188.60		
2026/07/13 03:00	12.30	0.00	9.79	0.00	990.71	0.44	5.85	14,363.80	188.80		
2026/07/13 03:30	51.45	0.00	7.93	0.00	973.83	0.45	6.17	14,035.50	188.70		
2026/07/13 04:00	15.34	0.09	10.97	0.00	985.00	0.61		11,359.60	188.50		
2026/07/13 04:30	6.92	0.12	7.63	0.00	948.68	0.48	6.61	13,604.60	188.65		
2026/07/13 05:00	2.73	0.14	5.33	0.00	883.11	0.49	7.82	12,215.70	187.88		
2026/07/13 05:30	3.03	0.18	10.99	0.00	906.84	0.47	7.40	13,159.20	187.82		
2026/07/13 06:00	3.44	0.19	12.09	0.00	929.15	0.46	6.99	13,675.70	188.45		
2026/07/13 06:30	3.63	0.19	9.22	0.00	939.54	0.47	6.78	13,920.30	189.05		
2026/07/13 07:00	7.83	0.18	8.47	0.00	955.07	0.48	7.01	13,894.30	188.96		
2026/07/13 07:30	5.58	0.12	12.79	0.00	1,001.18	0.45	6.11	14,387.20	188.81		
2026/07/13 08:00	8.28	0.05	10.59	0.00	981.14	0.62		11,632.70	188.69		
2026/07/13 08:30	8.44	0.01	9.78	0.00	978.18	0.55	6.83	13,469.00	188.93		
2026/07/13 09:00	32.01	0.00	25.83	7.34	940.00	0.47	6.81	11,524.10	189.11		
2026/07/13 09:30	1.73	0.36	3.64	0.00	948.73	0.55	6.94	13,310.80	188.92		
2026/07/13 10:00	5.27	0.33	3.00	0.00	974.03	0.48	6.20	14,091.10	189.04		
2026/07/13 10:30	7.15	0.38	2.91	0.00	965.15	0.48	6.31	13,924.20	189.29		
2026/07/13 11:00	2.03	0.43	3.08	0.00	942.14	0.51	7.15	12,975.60	189.01		
2026/07/13 11:30	9.62	0.39	2.65	0.00	946.95	0.52	6.74	13,741.80	189.32		
2026/07/13 12:00					947.91	0.67		11,359.10	189.60		
2026/07/13 12:30	11.61	0.14	2.66	0.00	970.87	0.50	6.00	14,659.00	189.97		
2026/07/13 13:00	2.68	0.18	8.45	0.00	1,006.38	0.49	5.77	14,668.50	190.14		
2026/07/13 13:30	0.93	0.19	12.55	0.00	1,005.56	0.50	6.22	14,012.00	190.20		
2026/07/13 14:00	2.09	0.22	7.57	0.00	958.28	0.52	7.05	13,189.50	189.84		
2026/07/13 14:30	1.51	0.25	5.94	0.00	935.49	0.53	7.56	12,559.30	189.30		
2026/07/13 15:00	1.55	0.25	7.58	0.00	955.43	0.51	7.16	12,699.80	189.55		
2026/07/13 15:30	2.40	0.20	5.30	0.00	969.12	0.49	6.52	13,402.30	189.61		
2026/07/13 16:00					958.27	0.67		10,890.50	189.01		
2026/07/13 16:30	5.97	0.09	4.23	0.00	988.68	0.48	5.85	14,533.70	189.00		
2026/07/13 17:00	2.14	0.09	4.79	0.00	974.35	0.50	6.46	13,641.70	189.18		
2026/07/13 17:30	1.20	0.12	3.69	0.00	942.64	0.52	7.28	12,814.50	188.86		
2026/07/13 18:00	1.17	0.12	3.11	0.00	948.04	0.52	7.30	12,552.20	188.20		
2026/07/13 18:30	1.75	0.09	3.19	0.00	969.96	0.52	6.86	13,355.60	188.48		
2026/07/13 19:00	1.98	0.09	2.62	0.00	946.04	0.52	7.32	12,951.00	189.06		
2026/07/13 19:30	2.88	0.05	5.64	0.00	1,007.41	0.51	6.06	14,418.10	189.19		
2026/07/13 20:00					972.63	0.70		10,647.30	189.11		
2026/07/13 20:30	1.82	0.06	3.25	0.00	903.39	0.58	8.31	11,897.50	188.32		
2026/07/13 21:00	1.89	0.04	3.03	0.00	914.35	0.57	7.99	11,993.30	187.42		
2026/07/13 21:30	1.20	0.03	4.58	0.00	961.41	0.51	7.00	12,954.40	187.21		
2026/07/13 22:00	0.66	0.02	5.65	0.00	980.43	0.49	6.66	13,370.90	187.56		
2026/07/13 22:30	1.15	0.00	4.08	0.00	941.99	0.51	7.58	12,565.70	187.87		
2026/07/13 23:00	1.00	0.01	2.95	0.00	944.33	0.50	7.34	12,541.00	187.28		
2026/07/13 23:30	1.28	0.02	3.03	0.00	917.79	0.52	7.87	12,149.30	187.45		

[동작불량] [DL전원단절] [알람값 초과] [규제값 초과]

측정자료이력(stack #1)

결재	담 당	조 장	팀 장	소 장
	김양규	박재홍	최시영	

- 측정소명 : 경산시 자원회수시설 stack #1 (30분 자료 - 보정후 값)
- 조회기간 : 2026/07/14 00:00 ~ 2026/07/14 23:55

측정항목코드	001 COb	001 HCL	001 NOX	001 SO2	001 TM1	001 TSP	001 O2b	001 FL1	001 TMP		
측정항목단위	PPM	PPM	PPM	PPM	DEG	Mgm	% O	SM3	DEG		
측정 규제값	0-20	0-10	0-30	0-10	0-16,000	0-20	0-12	0-100,000	0-300		
측정 최소값	0.63	0.00	1.98	0.00	895.09	0.43	6.13	11,145.00	186.17		
측정 최대값	5.78	0.16	13.44	0.00	1,010.17	0.55	8.63	14,188.30	189.42		
측정 누적값	73.21	3.82	224.20	0.00	40,320.70	20.41	297.14	547,018	7,910.87		
측정 평균값	1.74	0.09	5.34	0.00	960.02	0.49	7.07	13,024.24	188.35		
2026/07/14 00:00					902.62	0.63		10,463.60	187.59		
2026/07/14 00:30	1.72	0.00	3.91	0.00	961.99	0.49	6.59	13,855.20	188.24		
2026/07/14 01:00	1.33	0.00	3.78	0.00	973.05	0.48	6.55	13,929.00	189.00		
2026/07/14 01:30	4.40	0.00	2.53	0.00	980.63	0.46	6.33	13,738.20	188.74		
2026/07/14 02:00	2.18	0.02	1.98	0.00	902.91	0.50	7.86	12,056.40	188.11		
2026/07/14 02:30	5.17	0.03	3.33	0.00	916.54	0.49	7.55	12,590.40	187.41		
2026/07/14 03:00	4.49	0.04	4.28	0.00	982.78	0.44	6.13	14,188.30	187.66		
2026/07/14 03:30	1.93	0.03	4.61	0.00	982.79	0.46	6.15	13,859.80	188.54		
2026/07/14 04:00					964.17	0.62		10,268.70	188.73		
2026/07/14 04:30	2.36	0.11	3.18	0.00	895.09	0.53	8.63	11,145.00	187.77		
2026/07/14 05:00	2.29	0.11	2.90	0.00	899.69	0.51	8.30	11,633.50	186.48		
2026/07/14 05:30	2.09	0.08	3.96	0.00	957.35	0.45	6.66	13,753.50	186.17		
2026/07/14 06:00	1.12	0.08	4.03	0.00	973.07	0.47	6.52	14,039.30	188.23		
2026/07/14 06:30	1.11	0.09	4.20	0.00	962.48	0.48	7.07	13,351.00	189.05		
2026/07/14 07:00	1.15	0.08	3.08	0.00	955.29	0.50	7.53	12,324.70	187.89		
2026/07/14 07:30	1.19	0.04	4.15	0.00	960.47	0.51	7.26	12,886.10	187.50		
2026/07/14 08:00					971.43	0.65		10,696.90	187.90		
2026/07/14 08:30	1.17	0.08	3.85	0.00	994.39	0.50	6.54	13,678.10	187.87		
2026/07/14 09:00	1.02	0.11	3.37	0.00	973.51	0.48	7.26	12,797.10	187.90		
2026/07/14 09:30	0.98	0.10	4.76	0.00	970.59	0.47	7.14	12,942.50	188.37		
2026/07/14 10:00	0.63	0.08	8.53	0.00	1,010.17	0.45	6.47	13,602.30	188.82		
2026/07/14 10:30	5.78	0.07	7.11	0.00	999.97	0.46	6.73	13,435.70	189.07		
2026/07/14 11:00	1.13	0.10	4.81	0.00	965.78	0.47	7.35	12,515.50	188.79		
2026/07/14 11:30	0.97	0.10	3.85	0.00	972.77	0.47	6.90	13,187.20	188.48		
2026/07/14 12:00					995.55	0.65		11,232.90	188.74		
2026/07/14 12:30	1.80	0.10	5.49	0.00	985.49	0.53	6.45	13,798.20	189.24		
2026/07/14 13:00	0.99	0.11	7.95	0.00	992.02	0.55	6.65	13,504.70	189.42		
2026/07/14 13:30	1.53	0.11	5.27	0.00	956.52	0.54	7.23	12,794.00	189.21		
2026/07/14 14:00	1.99	0.13	3.93	0.00	961.57	0.49	7.12	12,797.50	188.63		
2026/07/14 14:30	1.71	0.11	3.22	0.00	945.81	0.46	7.05	13,057.60	188.56		
2026/07/14 15:00	1.15	0.13	4.45	0.00	959.55	0.44	6.43	13,663.90	188.50		
2026/07/14 15:30	2.34	0.10	3.08	0.00	962.30	0.43	6.26	13,711.80	188.86		
2026/07/14 16:00					969.46	0.58		10,929.80	188.83		
2026/07/14 16:30	1.70	0.10	3.59	0.00	959.66	0.47	6.87	12,955.80	188.38		
2026/07/14 17:00	1.27	0.13	4.94	0.00	937.94	0.52	7.48	12,471.70	188.41		
2026/07/14 17:30	1.13	0.12	6.01	0.00	961.17	0.49	7.12	12,897.60	188.52		
2026/07/14 18:00	1.14	0.13	5.98	0.00	947.48	0.49	7.34	12,620.20	188.12		
2026/07/14 18:30	1.20	0.16	6.95	0.00	954.81	0.48	7.47	12,417.80	188.18		
2026/07/14 19:00	1.41	0.14	6.20	0.00	937.23	0.49	7.48	12,525.10	188.14		
2026/07/14 19:30	1.05	0.08	9.58	0.00	971.38	0.49	6.82	13,440.90	188.86		
2026/07/14 20:00					946.59	0.61		10,304.00	188.74		
2026/07/14 20:30	0.99	0.11	5.85	0.00	986.01	0.47	6.95	13,090.60	188.47		
2026/07/14 21:00	1.51	0.13	4.49	0.00	926.70	0.51	8.06	11,991.30	188.17		
2026/07/14 21:30	0.76	0.09	7.23	0.00	976.58	0.45	6.47	13,535.00	188.17		
2026/07/14 22:00	1.59	0.12	7.20	0.00	928.50	0.52	8.27	11,820.90	188.47		
2026/07/14 22:30	0.69	0.08	13.44	0.00	987.07	0.48	6.79	13,244.40	188.63		
2026/07/14 23:00	1.64	0.16	12.95	0.00	940.17	0.55	8.13	12,104.80	188.98		
2026/07/14 23:30	1.41	0.13	10.20	0.00	951.43	0.49	7.18	13,065.30	188.86		

[동작불량] [DL전원단절] [알람값 초과] [규제값 초과]

측정자료이력(stack #1)

결재	담 당	조 장	팀 장	소 장
	천학수	정성철	최시영	

- 측정소명 : 경산시 자원회수시설 stack #1 (30분 자료 - 보정후 값)
- 조회기간 : 2026/07/15 00:00 ~ 2026/07/15 23:55

측정항목코드	001 COb	001 HCL	001 NOX	001 SO2	001 TM1	001 TSP	001 O2b	001 FL1	001 TMP
측정항목단위	PPM	PPM	PPM	PPM	DEG	Mgm	% O	SM3	DEG
측정 규제값	0-20	0-10	0-30	0-10	0-16,000	0-20	0-12	0-100,000	0-300
측정 최소값	1.24	0.00	1.15	0.00	889.01	0.44	5.33	11,821.90	187.64
측정 최대값	41.59	0.22	7.35	0.00	994.25	0.59	8.16	14,614.80	190.07
측정 누적값	298.22	3.75	162.55	0.00	39,736.86	20.91	285.44	564,919	7,943.79
측정 평균값	7.10	0.09	3.87	0.00	946.12	0.50	6.80	13,450.46	189.14
2026/07/15 00:00					930.91	0.63		10,632.50	188.75
2026/07/15 00:30	1.83	0.09	6.41	0.00	917.97	0.51	7.48	12,729.40	188.71
2026/07/15 01:00	22.59	0.08	5.70	0.00	959.92	0.48	6.39	14,040.50	188.89
2026/07/15 01:30	2.24	0.10	5.31	0.00	889.01	0.53	8.16	12,106.40	188.99
2026/07/15 02:00	1.84	0.11	6.69	0.00	947.85	0.47	6.66	13,738.20	188.96
2026/07/15 02:30	2.06	0.10	4.97	0.00	969.34	0.46	6.41	14,143.10	189.28
2026/07/15 03:00	1.44	0.11	4.72	0.00	940.30	0.48	7.33	12,699.50	188.65
2026/07/15 03:30	1.75	0.14	3.58	0.00	920.29	0.51	7.93	11,911.80	187.64
2026/07/15 04:00					1,002.29	0.59		11,774.50	187.96
2026/07/15 04:30	1.71	0.03	7.35	0.00	940.01	0.51	7.82	12,427.20	188.66
2026/07/15 05:00	1.50	0.00	5.03	0.00	926.96	0.50	7.32	13,115.90	188.50
2026/07/15 05:30	1.98	0.01	5.63	0.00	965.07	0.49	6.67	13,737.30	188.83
2026/07/15 06:00	1.83	0.00	6.73	0.00	992.57	0.47	6.04	14,270.60	189.34
2026/07/15 06:30	1.27	0.02	6.94	0.00	970.56	0.51	7.25	12,753.80	189.06
2026/07/15 07:00	1.68	0.01	4.78	0.00	938.55	0.54	7.50	12,676.70	189.11
2026/07/15 07:30	1.51	0.00	4.71	0.00	952.46	0.51	7.00	13,252.70	188.98
2026/07/15 08:00					949.15	0.59		10,938.70	189.01
2026/07/15 08:30	1.41	0.15	2.60	0.00	917.51	0.47	7.69	12,339.60	189.08
2026/07/15 09:00	1.24	0.15	4.49	0.00	961.97	0.46	6.59	13,668.20	189.11
2026/07/15 09:30	7.09	0.12	3.26	0.00	968.63	0.49	6.15	14,202.10	189.55
2026/07/15 10:00	22.21	0.10	3.52	0.00	987.88	0.50	5.83	14,533.40	190.06
2026/07/15 10:30	14.96	0.08	2.24	0.00	967.91	0.50	6.14	14,071.10	189.51
2026/07/15 11:00	5.20	0.13	1.81	0.00	943.78	0.59	6.81	13,643.20	189.74
2026/07/15 11:30	12.36	0.09	1.40	0.00	953.31	0.56	6.15	14,175.90	189.71
2026/07/15 12:00					928.16	0.67		11,344.70	189.55
2026/07/15 12:30	36.81	0.11	2.20	0.00	980.11	0.48	5.88	14,614.80	189.80
2026/07/15 13:00	6.74	0.12	2.44	0.00	958.77	0.51	6.50	13,633.40	189.59
2026/07/15 13:30	16.16	0.11	1.46	0.00	965.54	0.47	5.71	14,468.50	189.73
2026/07/15 14:00	2.26	0.16	1.65	0.00	916.48	0.52	7.18	13,092.00	189.34
2026/07/15 14:30	2.39	0.17	2.94	0.00	954.69	0.46	6.13	14,270.00	189.88
2026/07/15 15:00	4.27	0.19	1.15	0.00	911.69	0.54	6.93	13,002.10	190.07
2026/07/15 15:30	3.87	0.22	1.84	0.00	914.25	0.49	6.94	13,251.90	189.49
2026/07/15 16:00					967.83	0.62		11,526.80	188.60
2026/07/15 16:30	1.69	0.13	4.08	0.00	934.77	0.48	6.51	13,518.50	189.07
2026/07/15 17:00	41.59	0.07	5.44	0.00	994.25	0.44	5.33	14,479.20	189.27
2026/07/15 17:30	19.13	0.12	3.47	0.00	917.15	0.54	7.99	11,821.90	188.69
2026/07/15 18:00	3.93	0.16	5.05	0.00	939.00	0.55	7.51	12,791.50	188.56
2026/07/15 18:30	11.83	0.13	4.85	0.00	946.53	0.49	6.67	13,658.30	189.26
2026/07/15 19:00	5.49	0.13	4.71	0.00	954.57	0.52	6.58	13,622.80	189.74
2026/07/15 19:30	2.77	0.16	4.38	0.00	920.85	0.55	7.52	12,736.00	189.28
2026/07/15 20:00					920.41	0.62		11,212.20	188.93
2026/07/15 20:30	5.01	0.01	3.32	0.00	957.89	0.48	6.51	13,879.10	188.97
2026/07/15 21:00	11.20	0.00	2.77	0.00	933.31	0.49	6.62	13,739.60	188.98
2026/07/15 21:30	1.82	0.02	2.60	0.00	923.72	0.50	6.83	13,609.70	188.92
2026/07/15 22:00	4.54	0.01	2.42	0.00	939.30	0.48	6.59	13,688.80	188.76
2026/07/15 22:30	2.44	0.03	2.74	0.00	965.06	0.45	6.40	13,765.90	188.55
2026/07/15 23:00	1.82	0.04	2.78	0.00	939.15	0.47	7.00	13,444.00	188.83
2026/07/15 23:30	2.76	0.04	2.39	0.00	937.93	0.46	6.79	13,594.60	188.65

[동작불량] [DL전원단절] [알람값 초과] [규제값 초과]

측정자료이력(stack #1)

결재	담 당	조 장	팀 장	소 장
	전학수	정성보	최시영	

- 측정소명 : 경산시 자원회수시설 stack #1 (30분 자료 - 보정후 값)
- 조회기간 : 2026/07/16 00:00 ~ 2026/07/16 23:55

측정항목코드	001 COb	001 HCL	001 NOX	001 SO2	001 TM1	001 TSP	001 O2b	001 FL1	001 TMP
측정항목단위	PPM	PPM	PPM	PPM	DEG	Mgm	% O	SM3	DEG
측정 규제값	0-20	0-10	0-30	0-10	0-16,000	0-20	0-12	0-100,000	0-300
측정 최소값	0.97	0.01	1.07	0.00	904.45	0.41	5.78	12,445.30	187.53
측정 최대값	37.70	0.21	6.47	0.00	998.26	0.62	7.75	14,603.20	189.62
측정 누적값	271.72	4.10	114.58	0.00	39,867.00	20.39	281.29	572,856	7,927.94
측정 평균값	6.47	0.10	2.73	0.00	949.21	0.49	6.70	13,639.42	188.76
2026/07/16 00:00					920.61	0.58		11,252.00	188.56
2026/07/16 00:30	3.90	0.02	2.09	0.00	949.43	0.45	6.60	13,882.80	188.60
2026/07/16 01:00	1.35	0.04	4.88	0.00	968.89	0.45	6.65	14,012.50	189.01
2026/07/16 01:30	3.16	0.06	3.29	0.00	938.21	0.46	7.10	13,416.50	188.59
2026/07/16 02:00	2.04	0.05	2.84	0.00	955.60	0.43	6.64	13,745.30	188.07
2026/07/16 02:30	1.75	0.06	3.03	0.00	927.40	0.45	7.06	13,353.10	188.18
2026/07/16 03:00	4.06	0.07	2.47	0.00	951.38	0.44	6.54	13,812.70	188.37
2026/07/16 03:30	11.87	0.07	2.12	0.00	940.25	0.45	6.77	13,503.60	188.24
2026/07/16 04:00					981.70	0.57		11,210.20	188.40
2026/07/16 04:30	6.09	0.11	3.00	0.00	982.93	0.41	6.13	14,219.00	188.72
2026/07/16 05:00	2.11	0.11	2.68	0.00	974.49	0.43	6.81	13,202.10	188.38
2026/07/16 05:30	2.67	0.10	2.40	0.00	921.86	0.45	7.47	12,709.90	187.87
2026/07/16 06:00	6.01	0.10	3.07	0.00	944.57	0.43	6.58	13,853.40	187.91
2026/07/16 06:30	1.59	0.12	3.45	0.00	955.73	0.42	6.54	13,933.40	188.49
2026/07/16 07:00	37.70	0.07	2.23	0.00	998.26	0.41	5.80	14,338.00	188.89
2026/07/16 07:30	6.65	0.10	2.00	0.00	957.46	0.42	6.23	13,571.00	188.37
2026/07/16 08:00					935.80	0.54		11,609.50	188.24
2026/07/16 08:30	5.43	0.08	1.44	0.00	926.86	0.45	7.26	12,920.60	188.08
2026/07/16 09:00	1.36	0.08	2.62	0.00	943.04	0.44	6.99	13,373.40	188.50
2026/07/16 09:30	1.42	0.09	4.55	0.00	951.19	0.44	6.82	13,788.00	188.84
2026/07/16 10:00	0.97	0.09	6.47	0.00	994.69	0.42	5.94	14,603.20	189.62
2026/07/16 10:30	1.26	0.09	2.69	0.00	937.83	0.46	6.88	13,400.50	189.12
2026/07/16 11:00	2.38	0.11	3.44	0.00	964.83	0.46	6.37	14,161.60	189.06
2026/07/16 11:30	1.30	0.10	2.91	0.00	942.89	0.48	6.60	13,788.00	189.26
2026/07/16 12:00					966.31	0.66		11,626.90	189.58
2026/07/16 12:30	2.57	0.03	2.55	0.00	975.55	0.54	6.10	14,325.90	189.47
2026/07/16 13:00	19.61	0.02	4.39	0.00	997.85	0.55	5.78	14,378.20	189.28
2026/07/16 13:30	3.45	0.05	2.39	0.00	917.18	0.62	7.54	12,720.80	189.10
2026/07/16 14:00	2.08	0.05	2.83	0.00	924.34	0.54	7.29	12,954.70	188.65
2026/07/16 14:30	3.41	0.01	2.26	0.00	961.00	0.53	6.06	14,380.60	189.35
2026/07/16 15:00	10.93	0.02	1.80	0.00	970.77	0.52	6.00	14,378.10	189.61
2026/07/16 15:30	1.88	0.03	1.64	0.00	921.98	0.56	7.16	13,030.80	189.24
2026/07/16 16:00					935.97	0.74		11,437.80	189.10
2026/07/16 16:30	22.38	0.09	1.07	0.00	955.09	0.49	6.15	14,247.90	189.36
2026/07/16 17:00	5.15	0.13	1.45	0.00	915.20	0.53	6.99	13,354.00	189.54
2026/07/16 17:30	1.92	0.17	2.38	0.00	912.06	0.55	7.33	13,125.50	189.00
2026/07/16 18:00	6.81	0.19	1.99	0.00	933.11	0.56	6.84	13,705.60	188.90
2026/07/16 18:30	19.40	0.18	2.46	0.00	937.10	0.53	6.47	14,037.00	189.54
2026/07/16 19:00	4.18	0.21	2.81	0.00	935.87	0.54	6.96	13,341.60	189.28
2026/07/16 19:30	14.07	0.17	4.38	0.00	966.15	0.52	6.38	14,196.30	189.32
2026/07/16 20:00					924.25	0.76		10,449.10	189.43
2026/07/16 20:30	3.20	0.13	2.39	0.00	922.63	0.55	7.75	12,445.30	188.50
2026/07/16 21:00	10.52	0.12	2.14	0.00	963.77	0.50	6.63	13,784.90	188.29
2026/07/16 21:30	22.24	0.10	2.23	0.00	948.45	0.51	6.60	14,011.50	189.15
2026/07/16 22:00	1.88	0.15	1.96	0.00	904.45	0.54	7.43	12,702.90	188.71
2026/07/16 22:30	2.19	0.18	2.34	0.00	933.44	0.52	7.31	12,734.30	187.61
2026/07/16 23:00	4.70	0.18	2.79	0.00	965.57	0.47	6.32	13,712.50	187.53
2026/07/16 23:30	4.08	0.17	2.66	0.00	977.65	0.47	6.42	13,698.60	188.34

[동작불량] [DL전원단절] [알람값 초과] [규제값 초과]

측정자료이력(stack #1)

결재	담 당	조 장	팀 장	소 장
	강재훈	이석원	최시영	

- 측정소명 : 경산시 자원회수시설 stack #1 (30분 자료 - 보정후 값)
- 조회기간 : 2026/07/17 00:00 ~ 2026/07/17 23:55

측정항목코드	001 C0b	001 HCL	001 NOX	001 S02	001 TM1	001 TSP	001 02b	001 FL1	001 TMP		
측정항목단위	PPM	PPM	PPM	PPM	DEG	Mgm	% O	SM3	DEG		
측정 규제값	0-20	0-10	0-30	0-10	0-16,000	0-20	0-12	0-100,000	0-300		
측정 최소값	0.64	0.00	2.40	0.00	871.74	0.41	5.94	11,869.90	187.60		
측정 최대값	12.64	0.37	12.34	0.00	1,009.99	0.60	8.47	14,616.80	189.70		
측정 누적값	92.36	4.80	217.03	0.00	40,126.76	20.11	294.44	563,145	7,931.25		
측정 평균값	2.20	0.11	5.17	0.00	955.40	0.48	7.01	13,408.21	188.84		
2026/07/17 00:00					948.95	0.62		10,319.00	188.25		
2026/07/17 00:30	2.60	0.05	2.40	0.00	951.79	0.47	6.90	13,407.70	187.91		
2026/07/17 01:00	1.31	0.07	3.49	0.00	962.57	0.46	6.69	14,203.60	189.09		
2026/07/17 01:30	1.03	0.09	3.46	0.00	967.31	0.47	6.78	13,461.20	188.81		
2026/07/17 02:00	1.14	0.10	3.04	0.00	950.11	0.47	7.10	12,951.90	187.87		
2026/07/17 02:30	4.32	0.09	3.16	0.00	972.58	0.46	6.58	13,949.80	188.00		
2026/07/17 03:00	2.09	0.09	3.31	0.00	953.67	0.46	6.92	13,502.20	188.32		
2026/07/17 03:30	2.03	0.08	4.90	0.00	982.24	0.46	6.67	13,599.80	188.68		
2026/07/17 04:00					996.65	0.58		11,264.70	188.59		
2026/07/17 04:30	1.52	0.13	3.52	0.00	945.83	0.47	7.59	12,449.60	188.28		
2026/07/17 05:00	2.36	0.11	4.28	0.00	963.90	0.45	6.77	13,700.30	188.27		
2026/07/17 05:30	2.47	0.12	3.76	0.00	956.32	0.45	6.93	13,432.20	188.38		
2026/07/17 06:00	3.26	0.10	3.43	0.00	975.57	0.44	6.23	14,233.50	188.89		
2026/07/17 06:30	1.36	0.13	4.07	0.00	964.42	0.45	6.91	13,597.00	189.11		
2026/07/17 07:00	9.20	0.11	6.25	0.00	982.78	0.46	6.69	13,879.50	189.28		
2026/07/17 07:30	1.84	0.16	6.45	0.00	932.36	0.52	8.35	12,250.00	189.11		
2026/07/17 08:00					995.81	0.60		10,820.30	189.04		
2026/07/17 08:30	0.87	0.12	11.13	0.00	975.75	0.50	7.19	13,162.30	189.26		
2026/07/17 09:00	0.79	0.07	12.34	0.00	975.89	0.51	7.23	13,142.10	189.25		
2026/07/17 09:30	12.64	0.05	8.07	0.00	951.63	0.51	7.35	13,483.30	189.59		
2026/07/17 10:00	1.78	0.04	5.51	0.00	913.37	0.52	7.96	12,654.60	189.21		
2026/07/17 10:30	2.19	0.02	3.92	0.00	871.74	0.56	8.47	11,869.90	188.27		
2026/07/17 11:00	1.79	0.00	4.26	0.00	937.09	0.54	7.12	13,353.40	187.60		
2026/07/17 11:30	2.27	0.00	4.18	0.00	886.17	0.60	8.38	11,965.40	188.01		
2026/07/17 12:00					915.68	0.70		10,488.30	188.10		
2026/07/17 12:30	3.30	0.28	5.13	0.00	1,001.59	0.50	5.94	14,141.50	188.64		
2026/07/17 13:00	0.64	0.30	5.84	0.00	1,005.47	0.52	6.28	13,769.50	189.13		
2026/07/17 13:30	2.26	0.28	6.35	0.00	1,009.25	0.50	6.15	14,104.70	189.54		
2026/07/17 14:00	0.77	0.31	7.56	0.00	987.55	0.52	6.23	14,189.70	189.62		
2026/07/17 14:30	2.49	0.33	3.89	0.00	936.41	0.58	7.01	13,416.40	189.70		
2026/07/17 15:00	2.11	0.37	3.44	0.00	906.25	0.56	7.90	12,261.60	189.24		
2026/07/17 15:30	2.19	0.36	5.34	0.00	940.01	0.50	6.75	13,558.40	189.16		
2026/07/17 16:00					944.73	0.64		11,046.40	189.20		
2026/07/17 16:30	1.63	0.09	5.00	0.00	927.57	0.50	7.39	12,907.00	188.72		
2026/07/17 17:00	1.60	0.09	4.91	0.00	922.30	0.48	7.38	13,166.60	188.72		
2026/07/17 17:30	1.70	0.09	4.25	0.00	924.82	0.45	7.11	13,743.60	189.47		
2026/07/17 18:00	1.43	0.08	4.25	0.00	938.69	0.45	7.22	13,209.60	189.27		
2026/07/17 18:30	2.45	0.04	6.55	0.00	994.59	0.42	6.30	14,616.80	189.55		
2026/07/17 19:00	1.48	0.07	5.83	0.00	956.10	0.45	6.83	13,876.30	189.70		
2026/07/17 19:30	1.79	0.12	4.78	0.00	916.33	0.48	8.04	12,212.50	188.47		
2026/07/17 20:00					993.26	0.55		11,939.40	188.68		
2026/07/17 20:30	1.66	0.04	4.35	0.00	956.04	0.42	6.59	13,842.30	188.83		
2026/07/17 21:00	1.07	0.05	4.69	0.00	961.90	0.44	7.32	12,876.40	188.42		
2026/07/17 21:30	0.98	0.02	8.33	0.00	1,009.99	0.41	6.23	14,055.20	188.39		
2026/07/17 22:00	1.05	0.04	7.40	0.00	959.42	0.44	6.96	13,628.30	189.06		
2026/07/17 22:30	0.90	0.03	6.04	0.00	970.96	0.42	6.49	14,098.40	189.04		
2026/07/17 23:00	0.76	0.03	4.78	0.00	969.38	0.41	6.47	13,994.50	188.84		
2026/07/17 23:30	1.24	0.05	3.39	0.00	959.05	0.43	7.04	13,226.10	188.55		

[동작불량] [DL전원단절] [알람값 초과] [규제값 초과]

측정자료이력(stack #1)

결재	담 당	조 장	팀 장	소 장
	김재홍	이석현	최시영	

- 측정소명 : 경산시 자원회수시설 stack #1 (30분 자료 - 보정후 값)
- 조회기간 : 2026/07/18 00:00 ~ 2026/07/18 23:55

측정항목코드	001 C0b	001 HCL	001 NOX	001 S02	001 TM1	001 TSP	001 02b	001 FL1	001 TMP		
측정항목단위	PPM	PPM	PPM	PPM	DEG	Mgm	% O	SM3	DEG		
측정 규제값	0-20	0-10	0-30	0-10	0-16,000	0-20	0-12	0-100,000	0-300		
측정 최소값	0.54	0.00	1.50	0.00	853.05	0.40	5.79	10,963.50	186.16		
측정 최대값	25.67	0.29	8.62	0.00	985.16	0.63	8.96	14,946.30	189.62		
측정 누적값	205.10	6.28	155.45	0.00	38,599.40	20.91	315.01	536,201	7,902.56		
측정 평균값	4.88	0.15	3.70	0.00	919.03	0.50	7.50	12,766.68	188.16		
2026/07/18 00:00					948.79	0.55		10,915.50	188.51		
2026/07/18 00:30	0.98	0.08	4.28	0.00	951.92	0.43	6.98	13,557.70	188.39		
2026/07/18 01:00	1.18	0.08	5.61	0.00	961.07	0.42	6.40	14,302.70	188.68		
2026/07/18 01:30	1.17	0.09	3.51	0.00	948.05	0.43	6.84	13,545.70	188.82		
2026/07/18 02:00	0.73	0.10	5.85	0.00	976.49	0.41	6.55	13,868.70	188.53		
2026/07/18 02:30	15.01	0.10	5.31	0.00	976.79	0.42	6.40	14,128.40	188.76		
2026/07/18 03:00	1.49	0.11	5.30	0.00	969.13	0.43	6.86	13,716.40	188.91		
2026/07/18 03:30	0.91	0.14	3.49	0.00	930.85	0.44	7.34	13,156.20	188.74		
2026/07/18 04:00					979.23	0.54		11,580.00	188.74		
2026/07/18 04:30	1.72	0.05	5.13	0.00	984.12	0.40	5.79	14,946.30	189.18		
2026/07/18 05:00	0.54	0.06	7.48	0.00	976.39	0.42	6.46	14,182.40	189.62		
2026/07/18 05:30	1.08	0.12	5.41	0.00	928.47	0.46	7.88	12,699.30	189.19		
2026/07/18 06:00	0.89	0.13	5.62	0.00	943.48	0.45	7.79	12,516.30	188.26		
2026/07/18 06:30	0.56	0.10	8.62	0.00	974.57	0.43	6.74	13,643.40	188.04		
2026/07/18 07:00	0.58	0.09	7.39	0.00	985.16	0.43	6.96	13,622.70	188.57		
2026/07/18 07:30	1.21	0.11	5.18	0.00	922.81	0.47	8.07	12,166.90	188.14		
2026/07/18 08:00					949.24	0.55		10,849.70	187.96		
2026/07/18 08:30	1.21	0.12	5.51	0.00	960.51	0.43	6.56	13,979.40	188.23		
2026/07/18 09:00	2.74	0.13	3.57	0.00	898.20	0.49	8.21	12,156.90	188.45		
2026/07/18 09:30	2.67	0.13	4.15	0.00	866.12	0.53	8.74	11,660.00	188.51		
2026/07/18 10:00	2.89	0.11	5.28	0.00	853.05	0.54	8.96	11,450.10	187.98		
2026/07/18 10:30	4.16	0.06	4.13	0.00	877.57	0.51	8.00	12,418.10	187.74		
2026/07/18 11:00	2.37	0.02	3.67	0.00	859.64	0.58	8.25	12,099.00	188.17		
2026/07/18 11:30	2.23	0.00	3.08	0.00	916.07	0.57	6.93	13,489.20	188.76		
2026/07/18 12:00					951.96	0.72		11,107.10	189.26		
2026/07/18 12:30	1.40	0.29	2.17	0.00	911.75	0.63	7.79	12,338.50	189.28		
2026/07/18 13:00	2.00	0.29	2.64	0.00	892.86	0.62	8.23	11,974.20	189.01		
2026/07/18 13:30	1.81	0.27	2.47	0.00	893.05	0.59	7.84	12,183.00	188.39		
2026/07/18 14:00	1.94	0.28	2.30	0.00	879.49	0.59	8.15	11,783.40	187.65		
2026/07/18 14:30	3.04	0.28	2.57	0.00	915.79	0.58	7.65	12,425.20	187.16		
2026/07/18 15:00	2.96	0.28	2.33	0.00	922.08	0.55	7.28	12,934.60	187.93		
2026/07/18 15:30	13.95	0.29	1.91	0.00	921.19	0.54	7.06	12,986.40	188.32		
2026/07/18 16:00					893.50	0.69		10,027.90	187.55		
2026/07/18 16:30	5.83	0.28	2.13	0.00	930.68	0.53	7.03	12,747.70	186.79		
2026/07/18 17:00	25.67	0.22	2.37	0.00	955.17	0.49	6.43	13,367.40	187.70		
2026/07/18 17:30	9.32	0.24	2.75	0.00	888.87	0.55	8.24	11,372.00	187.97		
2026/07/18 18:00	9.05	0.23	2.55	0.00	882.24	0.55	8.25	11,654.70	187.50		
2026/07/18 18:30	10.41	0.24	2.16	0.00	895.22	0.52	7.87	12,218.00	187.03		
2026/07/18 19:00	5.13	0.25	2.25	0.00	902.62	0.52	7.73	12,289.30	187.24		
2026/07/18 19:30	2.80	0.27	2.73	0.00	874.06	0.55	8.34	11,907.10	188.48		
2026/07/18 20:00					897.93	0.65		10,165.90	188.27		
2026/07/18 20:30	10.70	0.06	1.60	0.00	912.37	0.48	7.29	12,871.80	187.82		
2026/07/18 21:00	3.91	0.09	1.90	0.00	894.58	0.51	8.13	12,179.90	188.01		
2026/07/18 21:30	12.33	0.10	2.82	0.00	870.73	0.50	8.14	12,354.70	187.94		
2026/07/18 22:00	20.84	0.08	1.50	0.00	930.85	0.46	6.96	13,230.60	187.86		
2026/07/18 22:30	11.67	0.08	1.86	0.00	925.21	0.45	6.84	13,270.10	187.93		
2026/07/18 23:00	2.16	0.12	2.17	0.00	858.03	0.52	8.77	10,963.50	186.72		
2026/07/18 23:30	1.86	0.11	2.70	0.00	882.10	0.49	8.28	11,842.70	186.16		

[동작불량] [OL전원단절] [알람값 초과] [규제값 초과]

측정자료이력(stack #1)

결재	담 당	조 장	팀 장	소 장
	한경희	김정수	최시영	

- 측정소명 : 경산시 자원회수시설 stack #1 (30분 자료 - 보정후 값)
- 조회기간 : 2026/07/19 00:00 ~ 2026/07/19 23:55

측정항목코드	001 C0b	001 HCL	001 NOX	001 S02	001 TM1	001 TSP	001 02b	001 FL1	001 TMP
측정항목단위	PPM	PPM	PPM	PPM	DEG	Mgm	% 0	SM3	DEG
측정 규제값	0-20	0-10	0-30	0-10	0-16,000	0-20	0-12	0-100,000	0-300
측정 최소값	2.14	0.00	1.46	0.00	835.92	0.39	5.28	11,028.60	185.60
측정 최대값	32.72	0.27	4.41	0.00	996.68	0.52	9.19	15,246.80	189.89
측정 누적값	471.03	5.03	109.07	0.00	38,718.44	19.03	304.12	538,781	7,869.54
측정 평균값	11.22	0.12	2.60	0.00	921.87	0.45	7.24	12,828.12	187.37
2026/07/19 00:00					866.06	0.59		10,036.40	185.84
2026/07/19 00:30	3.36	0.12	3.38	0.00	846.07	0.51	9.01	11,166.10	186.60
2026/07/19 01:00	9.42	0.11	2.94	0.00	862.27	0.47	8.26	12,095.40	186.41
2026/07/19 01:30	5.03	0.12	2.65	0.00	843.59	0.48	8.42	11,541.40	185.60
2026/07/19 02:00	5.89	0.16	3.80	0.00	835.92	0.52	9.19	11,164.00	186.50
2026/07/19 02:30	9.43	0.14	2.73	0.00	894.81	0.45	7.68	12,832.10	187.41
2026/07/19 03:00	7.08	0.15	3.11	0.00	864.38	0.51	8.96	11,445.00	187.60
2026/07/19 03:30	11.50	0.12	2.28	0.00	894.90	0.48	8.02	12,308.10	187.37
2026/07/19 04:00					904.45	0.56		11,211.90	186.98
2026/07/19 04:30	24.05	0.00	1.69	0.00	970.17	0.39	5.58	14,985.00	188.03
2026/07/19 05:00	23.36	0.01	1.75	0.00	971.27	0.42	6.20	14,247.80	188.69
2026/07/19 05:30	2.14	0.08	3.02	0.00	855.95	0.52	9.17	11,137.90	187.58
2026/07/19 06:00	2.20	0.05	4.41	0.00	842.05	0.52	9.14	11,028.60	185.80
2026/07/19 06:30	17.04	0.04	2.25	0.00	875.73	0.48	8.28	11,754.20	185.66
2026/07/19 07:00	15.01	0.03	2.40	0.00	893.51	0.47	8.15	12,022.60	186.56
2026/07/19 07:30	3.92	0.04	1.91	0.00	881.92	0.46	7.88	11,935.20	186.14
2026/07/19 08:00					953.27	0.53		11,549.70	186.40
2026/07/19 08:30	19.22	0.06	2.03	0.00	974.65	0.40	6.06	13,981.00	187.27
2026/07/19 09:00	22.34	0.07	1.58	0.00	952.85	0.42	6.58	12,978.30	187.10
2026/07/19 09:30	2.76	0.10	1.59	0.00	944.55	0.43	7.13	12,376.80	186.03
2026/07/19 10:00	12.57	0.09	1.68	0.00	951.71	0.41	6.67	12,855.80	186.18
2026/07/19 10:30	2.77	0.14	1.90	0.00	939.96	0.44	7.51	12,166.60	186.36
2026/07/19 11:00	2.81	0.14	1.82	0.00	916.33	0.45	7.58	12,195.90	186.06
2026/07/19 11:30	4.30	0.14	1.61	0.00	924.45	0.46	7.56	11,980.60	185.84
2026/07/19 12:00					939.05	0.54		10,474.80	185.79
2026/07/19 12:30	16.94	0.10	1.46	0.00	949.78	0.42	6.89	12,812.60	186.08
2026/07/19 13:00	7.31	0.08	1.84	0.00	970.66	0.41	6.37	13,369.40	186.80
2026/07/19 13:30	20.67	0.07	3.18	0.00	982.43	0.40	5.93	13,898.80	186.99
2026/07/19 14:00	3.55	0.10	3.76	0.00	974.43	0.40	6.28	13,654.80	187.30
2026/07/19 14:30	6.94	0.10	3.42	0.00	983.07	0.44	6.60	13,326.10	187.73
2026/07/19 15:00	5.55	0.08	3.08	0.00	962.48	0.45	6.65	13,345.10	188.02
2026/07/19 15:30	32.72	0.02	1.96	0.00	936.75	0.46	6.54	13,362.50	187.72
2026/07/19 16:00					914.17	0.61		10,211.60	187.26
2026/07/19 16:30	11.12	0.26	3.16	0.00	936.15	0.49	7.34	12,605.10	187.12
2026/07/19 17:00	22.62	0.21	3.44	0.00	957.34	0.44	5.93	14,040.80	187.31
2026/07/19 17:30	13.73	0.19	2.89	0.00	946.17	0.49	7.02	12,756.10	189.11
2026/07/19 18:00	28.54	0.22	2.72	0.00	934.75	0.47	6.56	13,183.70	189.89
2026/07/19 18:30	9.32	0.24	4.17	0.00	946.59	0.47	6.58	13,516.90	188.77
2026/07/19 19:00	5.29	0.26	3.13	0.00	929.99	0.47	6.69	13,427.60	188.90
2026/07/19 19:30	10.47	0.27	3.93	0.00	955.63	0.44	6.24	13,779.10	188.51
2026/07/19 20:00					949.93	0.57		10,967.40	188.30
2026/07/19 20:30	19.93	0.11	1.95	0.00	909.86	0.44	6.98	13,176.10	188.28
2026/07/19 21:00	6.61	0.14	1.79	0.00	888.71	0.46	7.69	12,627.10	188.25
2026/07/19 21:30	9.29	0.14	2.40	0.00	893.25	0.46	7.64	12,767.50	187.70
2026/07/19 22:00	3.91	0.16	2.69	0.00	885.37	0.47	8.00	12,541.20	187.83
2026/07/19 22:30	3.66	0.14	2.06	0.00	898.19	0.45	7.42	13,132.90	188.81
2026/07/19 23:00	3.28	0.12	2.14	0.00	943.12	0.42	6.46	14,012.30	188.48
2026/07/19 23:30	23.38	0.11	3.37	0.00	996.68	0.39	5.28	15,246.80	189.15

[동작불량] [OL전원단절] [알람값 초과] [규제값 초과]