측정자료이력(stack #1)

결재	담 당	조 장	팀 장	소 장
	박유동	정성보	최시영	

- 측정소명 : 경산시 자원회수시설 stack #1 (30분 자료 - 보정후 값)
- 조회기간 : 2026/10/26 00:00 ~ 2026/10/26 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	0.38	0.03	2.99	0.00	861.35	0.42	4.64	11,602.80	186.16
측정 최대값	47.54	0.13	20.40	0.00	1,059.41	0.59	9.31	16,414.70	190.37
측정 누적값	156.66	2.96	396.09	0.00	39,616.62	20.91	320.76	548,056	7,907.26
측정 평균값	3.73	0.07	9.43	0.00	943.25	0.50	7.64	13,048.95	188.27
2026/10/26 00:00					996.50	0.61		12,140.70	189.53
2026/10/26 00:30	0.71	0.09	13.46	0.00	981.95	0.50	7.27	13,802.30	190.37
2026/10/26 01:00	0.38	0.09	19.50	0.00	991.02	0.50	7.28	13,561.70	190.19
2026/10/26 01:30	0.63	0.09	15.61	0.00	991.37	0.50	7.57	12,916.40	189.33
2026/10/26 02:00	0.40	0.08	20.40	0.00	1,025.30	0.47	6.68	14,000.50	189.03
2026/10/26 02:30	0.80	0.10	17.22	0.00	1,000.23	0.50	7.41	13,309.70	189.20
2026/10/26 03:00	0.99	0.10	17.76	0.00	1,013.36	0.49	7.29	13,589.60	189.33
2026/10/26 03:30	3.57	0.09	19.89	0.00	1,003.01	0.51	7.81	12,962.20	189.32
2026/10/26 04:00					1,043.30	0.63		10,976.70	189.86
2026/10/26 04:30	0.59	0.07	18.84	0.00	1,004.55	0.49	7.22	13,284.80	189.76
2026/10/26 05:00	1.30	0.07	18.02	0.00	996.33	0.50	7.48	13,077.30	189.22
2026/10/26 05:30	1.14	0.10	17.08	0.00	947.55	0.52	7.74	13,074.40	189.14
2026/10/26 06:00	47.54	0.03	19.30	0.00	1,059.41	0.42	4.64	16,414.70	189.36
2026/10/26 06:30	21.78	0.05	13.16	0.00	972.07	0.49	7.14	13,209.80	189.19
2026/10/26 07:00	1.94	0.10	11.18	0.00	927.46	0.52	8.00	12,528.40	189.06
2026/10/26 07:30	1.50	0.13	7.54	0.00	906.07	0.52	8.17	12,209.00	187.78
2026/10/26 08:00					914.11	0.63		10,418.50	186.88
2026/10/26 08:30	2.35	0.08	6.86	0.00	919.43	0.49	7.75	12,811.50	186.97
2026/10/26 09:00	5.98	0.08	6.69	0.00	909.16	0.51	8.03	12,848.70	187.20
2026/10/26 09:30	1.78	0.07	5.55	0.00	881.11	0.50	8.16	12,039.00	186.73
2026/10/26 10:00	1.74	0.07	4.59	0.00	875.56	0.50	8.06	12,087.20	186.27
2026/10/26 10:30	5.31	0.06	4.92	0.00	916.96	0.47	7.21	13,550.10	186.57
2026/10/26 11:00	2.09	0.08	6.25	0.00	861.35	0.52	8.71	12,059.10	187.34
2026/10/26 11:30	2.19	0.07	5.41	0.00	876.61	0.52	8.39	12,170.10	187.26
2026/10/26 12:00					900.92	0.60		11,391.50	187.67
2026/10/26 12:30	2.64	0.08	4.07	0.00	879.56	0.49	7.71	12,894.50	187.96
2026/10/26 13:00	18.05	0.06	3.33	0.00	931.52	0.45	6.71	14,314.90	188.31
2026/10/26 13:30	2.38	0.06	3.55	0.00	921.60	0.46	7.26	13,516.60	188.64
2026/10/26 14:00	1.54	0.07	2.99	0.00	893.95	0.50	8.20	12,351.40	188.61
2026/10/26 14:30	1.29	0.05	4.26	0.00	946.92	0.46	6.90	13,865.20	188.52
2026/10/26 15:00	0.88	0.04	5.05	0.00	982.19	0.45	6.94	13,789.10	188.82
2026/10/26 15:30	1.23	0.07	3.95	0.00	924.14	0.50	8.32	12,173.80	188.62
2026/10/26 16:00					971.25	0.59		11,122.90	188.70
2026/10/26 16:30	1.01	0.10	11.67	0.00	951.46	0.49	7.89	12,849.00	189.03
2026/10/26 17:00	1.34	0.09	8.05	0.00	915.63	0.52	8.37	12,238.90	188.93
2026/10/26 17:30	1.86	0.09	6.96	0.00	943.73	0.49	7.79	12,889.40	188.68
2026/10/26 18:00	0.96	0.05	9.44	0.00	976.39	0.47	6.87	14,046.10	189.05
2026/10/26 18:30	1.20	0.05	8.45	0.00	930.50	0.49	7.44	12,787.80	188.97
2026/10/26 19:00	1.09	0.05	7.13	0.00	937.80	0.49	7.36	13,241.30	187.92
2026/10/26 19:30	1.09	0.06	6.21	0.00	936.23	0.50	7.73	12,918.60	187.37
2026/10/26 20:00					919.71	0.65		10,239.10	187.09
2026/10/26 20:30	2.18	0.05	6.22	0.00	886.39	0.55	8.89	11,992.50	186.87
2026/10/26 21:00	1.76	0.05	7.11	0.00	915.33	0.59	9.31	12,676.20	187.80
2026/10/26 21:30	1.68	0.03	7.31	0.00	956.83	0.54	8.20	12,957.70	188.25
2026/10/26 22:00	2.14	0.04	4.79	0.00	934.71	0.49	7.43	12,852.70	187.26
2026/10/26 22:30	3.10	0.05	5.59	0.00	894.29	0.57	8.95	11,602.80	186.65
2026/10/26 23:00	3.21	0.05	5.24	0.00	958.05	0.48	6.97	13,594.40	186.22
2026/10/26 23:30	1.32	0.07	5.49	0.00	939.54	0.49	7.51	12,996.70	186.16

[동작불량] [DL전원단절] [알람값 초과] [규제값 초과]

측정자료이력(stack #1)

결재	담 당	조 장	팀 장	소 장
	강재훈	천학기	최서영	

- 측정소명 : 경산시 자원회수시설 stack #1 (30분 자료 - 보정후 값)
- 조회기간 : 2026/10/27 00:00 ~ 2026/10/27 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	0.61	0.01	2.89	0.00	891.23	0.46	5.89	11,711.20	185.96
측정 최대값	14.47	0.20	16.71	0.00	984.99	0.58	8.93	14,787.30	191.07
측정 누적값	110.50	4.04	386.38	0.00	39,397.36	21.40	308.65	560,148	7,908.41
측정 평균값	2.63	0.10	9.20	0.00	938.03	0.51	7.35	13,336.85	188.30
2026/10/27 00:00					960.92	0.58		11,656.00	186.31
2026/10/27 00:30	1.26	0.10	3.93	0.00	911.97	0.52	8.04	12,361.30	185.96
2026/10/27 01:00	1.90	0.05	3.53	0.00	929.28	0.53	7.94	12,802.10	186.18
2026/10/27 01:30	3.97	0.08	3.56	0.00	922.98	0.52	8.05	12,876.40	186.24
2026/10/27 02:00	3.10	0.04	3.05	0.00	926.21	0.50	7.47	12,951.10	186.20
2026/10/27 02:30	1.80	0.10	3.90	0.00	891.23	0.55	8.63	11,981.60	186.20
2026/10/27 03:00	1.71	0.04	3.76	0.00	911.59	0.51	7.50	13,195.80	186.37
2026/10/27 03:30	8.37	0.07	2.91	0.00	954.71	0.48	6.82	13,823.50	186.45
2026/10/27 04:00					924.24	0.64		10,505.80	186.61
2026/10/27 04:30	1.42	0.10	3.81	0.00	917.85	0.50	7.55	13,050.60	186.67
2026/10/27 05:00	1.69	0.06	2.98	0.00	921.59	0.50	7.52	13,028.50	186.92
2026/10/27 05:30	1.65	0.13	2.89	0.00	897.44	0.53	8.10	12,239.30	187.57
2026/10/27 06:00	1.50	0.08	3.60	0.00	910.58	0.51	7.90	12,925.60	188.06
2026/10/27 06:30	1.78	0.08	3.33	0.00	943.97	0.49	7.13	13,590.50	187.77
2026/10/27 07:00	5.41	0.06	3.04	0.00	930.09	0.50	7.13	13,784.90	188.14
2026/10/27 07:30	1.30	0.08	3.09	0.00	908.41	0.52	7.47	13,458.80	188.36
2026/10/27 08:00					924.09	0.63		11,140.30	188.28
2026/10/27 08:30	1.08	0.06	3.86	0.00	913.10	0.51	7.54	13,440.30	188.50
2026/10/27 09:00	2.36	0.05	5.85	0.00	949.53	0.49	6.79	14,228.30	188.93
2026/10/27 09:30	0.85	0.07	9.43	0.00	955.12	0.51	7.17	13,987.50	189.46
2026/10/27 10:00	0.72	0.08	13.04	0.00	968.57	0.51	7.10	14,042.30	189.96
2026/10/27 10:30	1.20	0.11	10.02	0.00	934.65	0.54	7.82	13,170.50	190.08
2026/10/27 11:00	0.78	0.07	11.94	0.00	984.99	0.49	6.49	14,787.30	190.84
2026/10/27 11:30	0.61	0.08	16.19	0.00	966.49	0.51	7.34	13,739.50	191.06
2026/10/27 12:00					933.96	0.68		10,453.00	190.54
2026/10/27 12:30	1.93	0.16	8.24	0.00	895.61	0.58	8.93	11,711.20	189.32
2026/10/27 13:00	0.70	0.07	15.32	0.00	971.68	0.49	6.92	14,062.30	189.61
2026/10/27 13:30	0.95	0.11	10.74	0.00	939.41	0.52	7.77	12,990.00	189.52
2026/10/27 14:00	1.51	0.09	8.59	0.00	919.20	0.55	8.43	12,244.10	189.56
2026/10/27 14:30	1.51	0.06	10.65	0.00	922.63	0.54	8.15	12,729.30	189.47
2026/10/27 15:00	1.13	0.06	16.09	0.00	937.70	0.53	7.79	13,158.20	189.74
2026/10/27 15:30	1.26	0.01	16.06	0.00	953.16	0.51	7.27	13,639.20	190.05
2026/10/27 16:00					961.51	0.64		11,692.00	190.74
2026/10/27 16:30	8.73	0.16	15.25	0.00	952.53	0.50	6.84	14,073.70	191.07
2026/10/27 17:00	1.39	0.17	10.84	0.00	935.91	0.50	7.04	13,588.00	190.71
2026/10/27 17:30	1.64	0.19	12.55	0.00	941.53	0.51	7.06	13,085.00	189.78
2026/10/27 18:00	1.88	0.18	13.57	0.00	948.99	0.50	7.05	13,097.20	189.06
2026/10/27 18:30	7.72	0.19	12.80	0.00	957.57	0.49	6.64	13,559.20	188.60
2026/10/27 19:00	4.10	0.20	9.76	0.00	918.84	0.52	7.69	12,412.20	188.00
2026/10/27 19:30	1.85	0.18	10.81	0.00	943.48	0.51	7.32	13,314.40	187.90
2026/10/27 20:00					934.07	0.64		10,912.20	187.77
2026/10/27 20:30	6.24	0.07	11.30	0.00	975.32	0.46	5.89	14,679.00	187.77
2026/10/27 21:00	1.63	0.09	13.41	0.00	950.01	0.49	6.61	13,893.50	187.47
2026/10/27 21:30	1.23	0.08	11.27	0.00	947.28	0.49	6.88	13,745.10	187.21
2026/10/27 22:00	0.99	0.08	14.53	0.00	952.35	0.49	6.62	13,874.20	186.93
2026/10/27 22:30	14.47	0.06	16.71	0.00	971.75	0.48	6.25	14,225.10	187.02
2026/10/27 23:00	3.53	0.10	16.45	0.00	968.61	0.50	6.76	13,637.20	186.99
2026/10/27 23:30	1.65	0.14	13.73	0.00	943.45	0.52	7.24	12,963.90	186.71

[동작불량] [DL전원단절] [알람값 초과] [규제값 초과]

측정자료이력(stack #1)

결재	담당	조장	팀장	소장
	강재훈	전학수	최시영	

- 측정소명 : 경산시 자원회수시설 stack #1 (30분 자료 - 보정후 값)
- 조회기간 : 2026/10/28 00:00 ~ 2026/10/28 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	0.97	0.00	8.19	0.00	880.69	0.50	6.50	11,447.30	186.13		
측정 최대값	9.44	0.34	23.28	0.00	990.24	0.62	9.24	14,241.70	191.19		
측정 누적값	114.64	4.01	592.37	0.00	39,345.10	22.85	316.64	558,507	7,893.90		
측정 평균값	2.73	0.10	14.10	0.00	936.79	0.54	7.54	13,297.79	187.95		
2026/10/28 00:00					955.54	0.65		11,057.70	186.36		
2026/10/28 00:30	1.53	0.00	10.79	0.00	927.56	0.52	7.28	13,081.60	186.13		
2026/10/28 01:00	2.55	0.00	9.00	0.00	938.75	0.51	6.87	13,674.70	186.38		
2026/10/28 01:30	4.31	0.00	8.19	0.00	935.47	0.51	6.90	13,654.10	186.61		
2026/10/28 02:00	4.56	0.00	9.19	0.00	928.36	0.53	7.45	12,916.30	186.29		
2026/10/28 02:30	7.07	0.00	14.56	0.00	952.40	0.50	6.54	14,028.00	186.57		
2026/10/28 03:00	2.93	0.00	12.34	0.00	948.63	0.52	6.77	13,813.00	186.95		
2026/10/28 03:30	1.69	0.01	12.98	0.00	936.54	0.53	6.90	13,747.40	187.05		
2026/10/28 04:00					903.45	0.68		10,897.80	186.86		
2026/10/28 04:30	7.49	0.00	13.52	0.00	934.44	0.52	6.89	13,625.40	186.82		
2026/10/28 05:00	9.44	0.00	10.67	0.00	945.80	0.52	6.65	13,801.00	186.89		
2026/10/28 05:30	1.47	0.00	11.07	0.00	923.23	0.54	7.58	12,701.80	186.31		
2026/10/28 06:00	3.60	0.00	11.39	0.00	943.16	0.53	7.22	13,132.70	186.19		
2026/10/28 06:30	6.18	0.00	13.73	0.00	964.66	0.52	6.74	13,890.00	186.75		
2026/10/28 07:00	2.55	0.00	11.03	0.00	957.48	0.51	6.50	14,087.30	187.08		
2026/10/28 07:30	2.93	0.00	8.97	0.00	939.25	0.55	7.52	12,918.10	186.90		
2026/10/28 08:00					905.99	0.70		10,307.40	186.59		
2026/10/28 08:30	1.73	0.00	9.17	0.00	911.99	0.57	8.15	12,716.80	186.75		
2026/10/28 09:00	1.77	0.03	14.84	0.00	904.64	0.58	8.04	12,999.70	187.90		
2026/10/28 09:30	1.41	0.05	16.46	0.00	942.75	0.56	7.61	13,530.30	188.69		
2026/10/28 10:00	1.70	0.06	14.55	0.00	929.95	0.55	7.78	13,132.00	189.02		
2026/10/28 10:30	2.70	0.03	11.04	0.00	905.39	0.59	8.56	12,313.10	188.50		
2026/10/28 11:00	1.86	0.01	11.73	0.00	935.05	0.54	7.45	13,590.70	188.62		
2026/10/28 11:30	2.04	0.01	12.14	0.00	916.05	0.56	7.95	13,098.90	188.78		
2026/10/28 12:00					927.36	0.68		10,780.50	188.56		
2026/10/28 12:30	2.80	0.14	10.02	0.00	880.69	0.62	9.24	11,447.30	187.97		
2026/10/28 13:00	1.63	0.10	13.99	0.00	938.63	0.54	7.47	13,617.50	188.36		
2026/10/28 13:30	1.67	0.16	10.19	0.00	923.79	0.55	8.05	12,683.20	188.65		
2026/10/28 14:00	2.03	0.17	9.64	0.00	913.07	0.57	8.54	12,274.00	188.48		
2026/10/28 14:30	1.28	0.05	16.04	0.00	959.33	0.53	7.19	14,208.10	189.70		
2026/10/28 15:00	1.58	0.01	12.79	0.00	949.98	0.52	7.39	13,592.60	190.00		
2026/10/28 15:30	2.09	0.02	9.82	0.00	902.94	0.56	8.33	12,616.80	189.80		
2026/10/28 16:00					950.63	0.67		10,759.40	189.46		
2026/10/28 16:30	0.97	0.14	18.81	0.00	990.24	0.51	6.91	13,902.70	189.61		
2026/10/28 17:00	2.87	0.14	20.82	0.00	982.97	0.51	6.81	14,241.70	190.56		
2026/10/28 17:30	1.66	0.17	18.11	0.00	956.08	0.54	7.49	13,558.70	191.19		
2026/10/28 18:00	1.65	0.20	18.31	0.00	942.97	0.56	7.99	13,091.70	190.62		
2026/10/28 18:30	1.50	0.24	18.73	0.00	949.85	0.55	7.68	13,359.00	189.38		
2026/10/28 19:00	1.59	0.29	20.79	0.00	935.81	0.56	8.00	12,846.20	188.31		
2026/10/28 19:30	2.64	0.34	17.85	0.00	904.05	0.60	8.92	11,726.70	187.04		
2026/10/28 20:00					962.78	0.68		11,132.60	186.86		
2026/10/28 20:30	1.49	0.12	20.11	0.00	953.87	0.54	7.65	13,470.50	187.09		
2026/10/28 21:00	1.12	0.19	23.28	0.00	970.57	0.54	7.44	13,583.00	187.52		
2026/10/28 21:30	6.07	0.23	16.85	0.00	934.91	0.57	8.01	12,786.40	187.51		
2026/10/28 22:00	2.33	0.29	20.77	0.00	936.60	0.56	7.54	13,947.50	187.58		
2026/10/28 22:30	3.55	0.26	13.70	0.00	898.07	0.58	8.06	13,043.10	187.67		
2026/10/28 23:00	1.49	0.28	15.26	0.00	947.36	0.54	7.35	13,882.90	187.54		
2026/10/28 23:30	1.12	0.27	19.13	0.00	951.77	0.54	7.23	14,174.70	188.14		

[동작불량] [DL전원단절] [알람값 초과] [규제값 초과]

측정자료이력(stack #1)

결재	담 당	조 장	팀 장	소 장
	김민규	이수호	최시영	

- 측정소명 : 경산시 자원회수시설 stack #1 (30분 자료 - 보정후 값)
- 조회기간 : 2026/10/29 00:00 ~ 2026/10/29 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	0.51	0.00	8.60	0.00	904.62	0.52	6.82	11,547.30	185.59		
측정 최대값	12.86	0.34	22.06	0.00	999.39	0.58	8.88	14,551.70	188.48		
측정 누적값	85.64	3.93	629.63	0.00	40,175.90	22.95	319.08	555,435	7,856.47		
측정 평균값	2.04	0.09	14.99	0.00	956.57	0.55	7.60	13,224.65	187.06		
2026/10/29 00:00					968.07	0.68		11,408.20	187.70		
2026/10/29 00:30	1.02	0.00	16.22	0.00	963.16	0.55	7.36	13,945.00	188.18		
2026/10/29 01:00	1.14	0.00	16.65	0.00	953.01	0.56	7.77	13,405.80	187.90		
2026/10/29 01:30	0.95	0.00	21.02	0.00	983.22	0.53	6.82	14,551.70	188.31		
2026/10/29 02:00	3.25	0.00	16.41	0.00	961.49	0.56	7.54	13,743.60	188.48		
2026/10/29 02:30	1.12	0.00	21.42	0.00	970.63	0.55	7.27	14,010.20	188.47		
2026/10/29 03:00	11.87	0.01	19.38	0.00	973.74	0.56	7.43	13,821.30	188.40		
2026/10/29 03:30	1.45	0.00	13.91	0.00	944.94	0.58	7.83	13,126.70	188.12		
2026/10/29 04:00					974.21	0.68		11,489.50	187.43		
2026/10/29 04:30	1.77	0.00	12.17	0.00	943.53	0.57	7.75	13,095.50	187.32		
2026/10/29 05:00	1.25	0.00	8.60	0.00	962.84	0.56	7.51	13,191.90	186.72		
2026/10/29 05:30	12.86	0.00	9.69	0.00	972.37	0.54	7.22	13,664.40	186.66		
2026/10/29 06:00	2.94	0.00	9.78	0.00	945.62	0.56	7.59	13,360.40	186.94		
2026/10/29 06:30	1.97	0.00	9.77	0.00	948.82	0.56	7.53	13,587.80	187.24		
2026/10/29 07:00	1.68	0.01	8.78	0.00	905.85	0.57	7.79	13,043.90	187.35		
2026/10/29 07:30	2.36	0.04	10.16	0.00	915.75	0.56	7.69	13,565.10	186.83		
2026/10/29 08:00					913.65	0.69		11,573.70	186.87		
2026/10/29 08:30	3.91	0.03	8.64	0.00	927.15	0.54	7.41	13,585.50	186.67		
2026/10/29 09:00	1.52	0.05	14.12	0.00	954.87	0.54	7.34	13,582.20	186.48		
2026/10/29 09:30	0.98	0.00	16.69	0.00	977.23	0.52	6.84	14,075.90	186.40		
2026/10/29 10:00	2.10	0.00	15.67	0.00	912.32	0.58	8.42	12,440.50	186.31		
2026/10/29 10:30	1.40	0.00	12.58	0.00	935.98	0.55	7.56	13,309.00	186.19		
2026/10/29 11:00	1.36	0.00	11.85	0.00	971.19	0.52	7.12	13,419.80	185.93		
2026/10/29 11:30	1.41	0.00	12.52	0.00	972.79	0.54	7.66	12,751.60	185.59		
2026/10/29 12:00					972.83	0.68		10,465.60	185.81		
2026/10/29 12:30	1.26	0.26	19.40	0.00	982.26	0.52	7.22	13,653.00	186.36		
2026/10/29 13:00	0.94	0.22	19.58	0.00	985.96	0.52	7.10	13,537.30	186.47		
2026/10/29 13:30	1.73	0.20	12.24	0.00	933.86	0.56	8.40	12,327.00	186.41		
2026/10/29 14:00	1.02	0.10	18.07	0.00	979.65	0.52	6.98	14,143.90	186.94		
2026/10/29 14:30	1.46	0.11	19.16	0.00	984.99	0.52	7.06	13,883.10	187.78		
2026/10/29 15:00	2.11	0.15	14.40	0.00	919.85	0.57	8.24	12,453.70	187.79		
2026/10/29 15:30	2.43	0.16	13.14	0.00	904.62	0.57	8.49	12,025.00	186.80		
2026/10/29 16:00					927.11	0.66		10,813.70	186.61		
2026/10/29 16:30	0.90	0.23	13.28	0.00	968.43	0.52	7.25	13,260.10	186.75		
2026/10/29 17:00	1.07	0.24	11.17	0.00	956.97	0.54	7.70	12,768.20	186.70		
2026/10/29 17:30	1.05	0.23	12.08	0.00	956.93	0.54	7.74	12,781.50	186.75		
2026/10/29 18:00	0.95	0.29	15.23	0.00	967.34	0.53	7.71	12,788.30	186.57		
2026/10/29 18:30	0.51	0.26	19.51	0.00	992.51	0.52	7.31	13,100.40	186.68		
2026/10/29 19:00	0.85	0.28	13.12	0.00	960.57	0.54	7.90	12,526.20	186.38		
2026/10/29 19:30	1.72	0.34	8.72	0.00	916.23	0.58	8.88	11,547.30	186.11		
2026/10/29 20:00					981.85	0.66		10,603.50	186.04		
2026/10/29 20:30	0.78	0.02	17.41	0.00	999.39	0.52	7.37	13,062.80	186.37		
2026/10/29 21:00	0.86	0.04	17.40	0.00	983.51	0.53	7.58	13,020.80	186.69		
2026/10/29 21:30	2.55	0.08	22.06	0.00	965.61	0.54	7.53	13,365.60	187.44		
2026/10/29 22:00	1.42	0.14	15.72	0.00	945.90	0.56	7.93	12,747.20	187.24		
2026/10/29 22:30	1.15	0.14	19.21	0.00	954.69	0.55	7.71	13,116.10	187.70		
2026/10/29 23:00	1.42	0.16	21.33	0.00	944.41	0.57	8.17	12,576.60	187.96		
2026/10/29 23:30	1.15	0.14	21.37	0.00	975.72	0.53	7.36	13,473.20	188.09		

[동작불량] [DL전원단절] [알람값 초과] [규제값 초과]

측정자료이력(stack #1)

결	담 당	조 장	팀 장	소 장
재	김[redacted]	이[redacted]	최[redacted]	[redacted]

- 측정소명 : 경산시 자원회수시설 stack #1 (30분 자료 - 보정후 값)
- 조회기간 : 2026/10/30 00:00 ~ 2026/10/30 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	0.83	0.00	6.56	0.00	894.75	0.47	6.18	11,787.00	185.67
측정 최대값	20.14	0.28	21.04	0.00	991.53	0.58	8.54	14,392.90	189.11
측정 누적값	84.48	4.91	489.28	0.00	32,301.00	17.94	256.20	453,491	6,384.71
측정 평균값	2.48	0.14	14.39	0.00	950.03	0.53	7.54	13,337.97	187.79
2026/10/30 00:00	[redacted]	[redacted]	[redacted]	[redacted]	931.65	0.69	[redacted]	10,630.10	188.43
2026/10/30 00:30	1.47	0.12	17.41	0.00	945.45	0.54	7.64	13,138.00	188.31
2026/10/30 01:00	1.82	0.15	17.36	0.00	950.32	0.54	7.58	13,401.70	188.58
2026/10/30 01:30	1.41	0.13	14.72	0.00	951.18	0.54	7.39	13,737.30	188.88
2026/10/30 02:00	1.11	0.10	19.64	0.00	991.53	0.52	6.86	14,255.30	189.03
2026/10/30 02:30	1.49	0.11	19.54	0.00	948.59	0.55	7.77	13,219.50	188.77
2026/10/30 03:00	1.33	0.11	21.04	0.00	955.06	0.55	7.56	13,443.90	188.22
2026/10/30 03:30	1.32	0.09	20.63	0.00	972.02	0.52	7.08	14,039.00	187.80
2026/10/30 04:00	[redacted]	[redacted]	[redacted]	[redacted]	952.41	0.67	[redacted]	11,072.20	187.23
2026/10/30 04:30	2.10	0.24	15.98	0.00	917.92	0.58	8.54	12,139.60	186.73
2026/10/30 05:00	1.83	0.23	14.52	0.00	918.30	0.56	8.34	12,302.20	186.12
2026/10/30 05:30	1.39	0.18	19.51	0.00	965.81	0.53	7.53	13,218.20	186.00
2026/10/30 06:00	0.96	0.17	16.47	0.00	975.79	0.52	7.29	13,583.70	186.19
2026/10/30 06:30	0.87	0.17	19.22	0.00	971.33	0.52	7.12	13,669.70	186.93
2026/10/30 07:00	2.01	0.17	14.11	0.00	965.05	0.53	7.40	13,211.70	186.25
2026/10/30 07:30	1.12	0.16	13.95	0.00	970.73	0.52	7.28	13,506.10	185.67
2026/10/30 08:00	[redacted]	[redacted]	[redacted]	[redacted]	953.14	0.68	[redacted]	11,094.30	185.96
2026/10/30 08:30	3.39	0.03	19.77	0.00	972.01	0.53	7.16	13,851.80	186.26
2026/10/30 09:00	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
2026/10/30 09:30	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
2026/10/30 10:00	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
2026/10/30 10:30	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
2026/10/30 11:00	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
2026/10/30 11:30	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
2026/10/30 12:00	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
2026/10/30 12:30	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
2026/10/30 13:00	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
2026/10/30 13:30	20.14	0.01	12.48	0.00	982.88	0.47	6.18	14,392.90	187.21
2026/10/30 14:00	1.54	0.00	8.26	0.00	913.72	0.53	8.21	12,005.60	186.79
2026/10/30 14:30	1.90	0.00	6.56	0.00	894.75	0.55	8.49	11,787.00	186.22
2026/10/30 15:00	2.43	0.00	8.84	0.00	940.61	0.49	7.12	13,658.90	186.67
2026/10/30 15:30	2.07	0.00	6.57	0.00	940.95	0.50	7.40	13,221.00	187.02
2026/10/30 16:00	[redacted]	[redacted]	[redacted]	[redacted]	957.88	0.61	[redacted]	11,467.80	187.60
2026/10/30 16:30	1.85	0.15	9.73	0.00	946.94	0.50	7.51	13,645.30	188.26
2026/10/30 17:00	1.94	0.13	13.83	0.00	945.23	0.51	7.51	13,424.80	188.65
2026/10/30 17:30	6.22	0.13	16.29	0.00	958.41	0.52	7.48	13,525.50	188.78
2026/10/30 18:00	3.69	0.14	15.95	0.00	950.61	0.52	7.45	13,505.20	188.96
2026/10/30 18:30	1.77	0.19	11.81	0.00	922.21	0.53	7.96	13,062.70	189.03
2026/10/30 19:00	2.26	0.22	9.06	0.00	920.27	0.54	8.15	12,695.60	188.35
2026/10/30 19:30	1.69	0.24	11.80	0.00	943.96	0.52	7.63	13,117.50	187.92
2026/10/30 20:00	[redacted]	[redacted]	[redacted]	[redacted]	962.09	0.65	[redacted]	11,248.60	188.02
2026/10/30 20:30	1.73	0.20	8.37	0.00	917.85	0.55	8.05	13,054.80	188.13
2026/10/30 21:00	1.69	0.20	7.84	0.00	930.31	0.53	7.53	13,627.40	188.53
2026/10/30 21:30	1.30	0.19	15.17	0.00	965.01	0.51	6.94	14,270.70	188.95
2026/10/30 22:00	1.11	0.20	16.13	0.00	970.33	0.52	7.35	13,721.60	189.11
2026/10/30 22:30	1.37	0.25	12.05	0.00	943.75	0.54	7.75	13,113.50	188.78
2026/10/30 23:00	0.83	0.22	19.09	0.00	986.63	0.51	7.00	14,025.90	188.90
2026/10/30 23:30	5.33	0.28	15.58	0.00	955.49	0.55	7.95	12,917.40	188.71

[redacted] [동작불량] [redacted] [redacted] [redacted] [DL전원단절] [알람값 초과] [규제값 초과]

측정자료이력(stack #1)

결재	담 당	조 장	팀 장	소 장
	이정석	김정수	최서영	

- 측정소명 : 경산시 자원회수시설 stack #1 (30분 자료 - 보정후 값)
- 조회기간 : 2026/10/31 00:00 ~ 2026/10/31 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	0.80	0.00	7.62	0.00	861.85	0.46	6.27	11,910.10	186.37		
측정 최대값	11.65	0.32	21.69	0.00	1,004.41	0.59	9.08	14,982.10	190.86		
측정 누적값	79.78	3.86	624.90	0.00	40,229.75	21.88	304.26	579,942	7,912.39		
측정 평균값	1.90	0.09	14.88	0.00	957.85	0.52	7.24	13,808.14	188.39		
2026/10/31 00:00					943.53	0.66		11,128.40	188.24		
2026/10/31 00:30	3.12	0.00	16.69	0.00	983.92	0.52	6.94	14,249.80	188.70		
2026/10/31 01:00	1.20	0.00	19.92	0.00	1,004.41	0.51	6.61	14,681.70	189.33		
2026/10/31 01:30	0.99	0.00	19.37	0.00	983.00	0.55	7.40	13,846.00	189.85		
2026/10/31 02:00	0.93	0.03	21.69	0.00	979.14	0.55	7.67	13,221.40	188.73		
2026/10/31 02:30	1.05	0.03	18.99	0.00	978.19	0.55	7.38	13,756.10	188.02		
2026/10/31 03:00	1.98	0.02	17.51	0.00	938.93	0.56	7.98	12,986.00	187.60		
2026/10/31 03:30	1.25	0.05	21.27	0.00	958.08	0.55	7.82	13,145.20	186.94		
2026/10/31 04:00					957.85	0.66		11,795.20	187.10		
2026/10/31 04:30	1.53	0.01	18.44	0.00	942.48	0.55	7.73	13,265.20	187.19		
2026/10/31 05:00	2.37	0.06	18.78	0.00	915.02	0.58	8.17	13,161.30	187.26		
2026/10/31 05:30	2.31	0.06	14.27	0.00	907.46	0.56	8.11	12,936.90	187.19		
2026/10/31 06:00	1.79	0.10	11.56	0.00	907.84	0.56	8.08	12,620.00	186.52		
2026/10/31 06:30	1.84	0.11	11.67	0.00	914.16	0.55	8.02	12,878.80	186.37		
2026/10/31 07:00	1.41	0.11	9.71	0.00	933.97	0.53	7.45	13,289.50	186.45		
2026/10/31 07:30	1.24	0.12	9.72	0.00	942.50	0.53	7.70	13,250.40	186.55		
2026/10/31 08:00					971.69	0.66		11,768.30	187.14		
2026/10/31 08:30	0.97	0.01	16.41	0.00	960.11	0.54	7.68	13,570.50	187.60		
2026/10/31 09:00	1.11	0.01	20.77	0.00	1,002.17	0.51	6.81	14,517.40	187.34		
2026/10/31 09:30	8.78	0.00	17.26	0.00	1,001.77	0.49	6.34	14,982.10	188.05		
2026/10/31 10:00	1.08	0.01	14.34	0.00	955.83	0.52	7.33	13,621.60	188.09		
2026/10/31 10:30	1.41	0.00	11.87	0.00	948.77	0.52	7.60	13,263.70	187.20		
2026/10/31 11:00	1.13	0.00	12.96	0.00	970.53	0.49	6.72	14,426.90	187.30		
2026/10/31 11:30	2.05	0.00	14.13	0.00	968.05	0.48	6.71	14,232.40	187.46		
2026/10/31 12:00					982.41	0.63		11,540.40	187.62		
2026/10/31 12:30	0.94	0.17	14.85	0.00	968.21	0.49	6.86	14,106.50	187.71		
2026/10/31 13:00	1.09	0.15	14.43	0.00	953.63	0.50	7.16	14,010.00	188.09		
2026/10/31 13:30	0.89	0.13	17.15	0.00	962.17	0.49	7.16	13,703.60	188.18		
2026/10/31 14:00	1.21	0.12	10.76	0.00	937.18	0.49	7.35	13,492.50	187.90		
2026/10/31 14:30	1.25	0.07	14.21	0.00	965.72	0.47	6.69	14,613.40	188.34		
2026/10/31 15:00	1.49	0.07	10.71	0.00	945.85	0.51	7.59	13,512.60	188.62		
2026/10/31 15:30	1.76	0.03	16.00	0.00	989.57	0.46	6.27	14,818.60	189.20		
2026/10/31 16:00					959.89	0.62		11,529.60	189.12		
2026/10/31 16:30	2.07	0.13	16.97	0.00	984.52	0.47	6.38	14,447.70	189.20		
2026/10/31 17:00	1.16	0.18	17.15	0.00	961.19	0.50	7.36	13,461.70	188.95		
2026/10/31 17:30	11.65	0.16	15.69	0.00	963.85	0.49	7.05	13,872.70	188.97		
2026/10/31 18:00	3.27	0.19	15.92	0.00	971.66	0.48	6.60	14,595.50	189.24		
2026/10/31 18:30	1.32	0.22	8.43	0.00	920.68	0.53	7.66	13,233.20	189.23		
2026/10/31 19:00	2.61	0.32	8.94	0.00	861.85	0.59	9.08	11,910.10	188.63		
2026/10/31 19:30	1.57	0.28	14.53	0.00	963.37	0.50	6.81	14,363.10	188.76		
2026/10/31 20:00					958.86	0.65		12,250.20	189.46		
2026/10/31 20:30	1.40	0.11	11.08	0.00	943.74	0.54	7.36	13,572.90	189.40		
2026/10/31 21:00	1.12	0.08	16.51	0.00	990.18	0.51	6.41	14,790.30	189.61		
2026/10/31 21:30	0.83	0.11	16.52	0.00	974.64	0.52	6.59	14,664.30	190.23		
2026/10/31 22:00	0.80	0.14	17.45	0.00	993.52	0.52	6.58	14,616.70	190.71		
2026/10/31 22:30	0.82	0.13	13.41	0.00	985.25	0.52	6.66	14,432.00	190.86		
2026/10/31 23:00	1.01	0.16	9.24	0.00	943.75	0.56	7.47	13,627.70	190.75		
2026/10/31 23:30	1.98	0.18	7.62	0.00	952.89	0.54	6.92	14,193.70	190.07		

[동작불량] [계측단절] [DI전원단절] [알람값 초과] [규제값 초과]

측정자료이력(stack #1)

결재	담 당	조 장	팀 장	소 장
	권경치	김정수	최서영	

- 측정소명 : 경산시 자원회수시설 stack #1 (30분 자료 - 보정후 값)
- 조회기간 : 2026/11/01 00:00 ~ 2026/11/01 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	0.61	0.00	4.23	0.00	890.33	0.51	6.16	11,951.30	187.11		
측정 최대값	23.17	0.29	18.01	0.00	997.00	0.59	8.36	15,486.60	190.84		
측정 누적값	154.13	3.83	377.18	0.00	40,026.70	22.92	298.77	580,362	7,924.93		
측정 평균값	3.67	0.09	8.98	0.00	953.02	0.55	7.11	13,818.15	188.69		
2026/11/01 00:00					962.73	0.69		11,769.60	189.75		
2026/11/01 00:30	4.95	0.00	4.95	0.00	945.94	0.55	7.26	13,747.20	189.32		
2026/11/01 01:00	1.58	0.00	4.23	0.00	926.55	0.55	7.58	13,191.40	188.61		
2026/11/01 01:30	0.84	0.00	5.38	0.00	944.48	0.56	7.54	13,415.80	188.53		
2026/11/01 02:00	0.62	0.00	6.49	0.00	963.13	0.55	7.15	13,979.40	188.93		
2026/11/01 02:30	0.81	0.03	4.85	0.00	950.65	0.56	7.34	13,372.80	188.76		
2026/11/01 03:00	0.86	0.08	4.29	0.00	936.11	0.56	7.61	13,032.00	188.27		
2026/11/01 03:30	1.18	0.10	4.98	0.00	951.04	0.56	7.38	13,527.50	188.10		
2026/11/01 04:00					972.57	0.70		11,819.90	188.72		
2026/11/01 04:30	2.24	0.00	9.92	0.00	993.36	0.52	6.22	14,784.60	189.27		
2026/11/01 05:00	2.92	0.00	10.43	0.00	974.59	0.53	6.66	14,382.20	189.91		
2026/11/01 05:30	1.32	0.00	6.64	0.00	938.95	0.57	7.41	13,661.80	190.00		
2026/11/01 06:00	1.20	0.00	6.03	0.00	960.61	0.55	6.95	14,061.60	189.57		
2026/11/01 06:30	1.16	0.00	4.99	0.00	974.69	0.54	6.78	14,054.50	189.27		
2026/11/01 07:00	1.06	0.01	6.69	0.00	956.79	0.56	7.55	13,391.50	189.19		
2026/11/01 07:30	1.07	0.00	4.64	0.00	940.96	0.56	7.26	13,750.60	188.39		
2026/11/01 08:00					933.14	0.69		11,308.10	187.74		
2026/11/01 08:30	0.97	0.08	8.04	0.00	963.01	0.54	6.80	14,539.90	188.08		
2026/11/01 09:00	0.97	0.10	6.99	0.00	958.98	0.53	6.84	14,376.40	188.03		
2026/11/01 09:30	0.91	0.10	10.57	0.00	982.77	0.51	6.16	15,486.60	188.85		
2026/11/01 10:00	0.90	0.10	8.37	0.00	956.39	0.54	6.89	14,230.10	189.24		
2026/11/01 10:30	1.64	0.09	5.61	0.00	959.94	0.53	6.66	14,596.20	189.15		
2026/11/01 11:00	2.95	0.08	7.61	0.00	984.63	0.51	6.30	14,798.20	188.85		
2026/11/01 11:30	3.80	0.07	11.33	0.00	997.00	0.51	6.24	14,801.00	188.71		
2026/11/01 12:00					997.11	0.67		11,777.70	188.83		
2026/11/01 12:30	10.67	0.12	12.13	0.00	959.70	0.54	6.90	14,183.50	188.82		
2026/11/01 13:00	9.45	0.08	9.62	0.00	957.97	0.54	6.79	14,276.20	188.94		
2026/11/01 13:30	12.81	0.07	15.88	0.00	964.50	0.53	6.87	14,124.70	188.97		
2026/11/01 14:00	17.78	0.05	18.01	0.00	987.39	0.51	6.37	14,439.60	188.73		
2026/11/01 14:30	1.93	0.05	16.53	0.00	936.67	0.59	8.14	12,737.80	188.59		
2026/11/01 15:00	1.30	0.05	17.46	0.00	965.57	0.56	7.62	13,058.50	188.09		
2026/11/01 15:30	23.17	0.04	15.34	0.00	981.65	0.52	6.68	14,068.40	188.06		
2026/11/01 16:00					944.23	0.71		10,749.00	188.24		
2026/11/01 16:30	9.92	0.26	9.64	0.00	925.16	0.56	7.57	13,334.10	188.03		
2026/11/01 17:00	1.28	0.27	12.40	0.00	943.36	0.56	7.63	13,196.60	187.98		
2026/11/01 17:30	3.07	0.23	10.59	0.00	965.14	0.54	6.91	13,729.10	187.84		
2026/11/01 18:00	1.50	0.27	5.57	0.00	903.83	0.58	8.13	12,357.70	187.72		
2026/11/01 18:30	1.49	0.29	4.95	0.00	903.09	0.57	7.92	12,666.00	187.11		
2026/11/01 19:00	1.69	0.29	6.36	0.00	890.33	0.59	8.14	13,038.40	187.46		
2026/11/01 19:30	1.18	0.28	8.56	0.00	943.97	0.54	6.90	14,424.40	188.43		
2026/11/01 20:00					976.31	0.68		12,437.10	189.43		
2026/11/01 20:30	0.61	0.07	17.60	0.00	993.88	0.53	6.60	14,571.30	190.23		
2026/11/01 21:00	0.63	0.10	17.62	0.00	979.20	0.54	6.99	13,904.90	190.84		
2026/11/01 21:30	15.59	0.10	12.09	0.00	963.20	0.54	6.91	13,493.80	190.25		
2026/11/01 22:00	1.60	0.16	5.06	0.00	890.52	0.59	8.36	11,951.30	188.18		
2026/11/01 22:30	1.16	0.10	5.86	0.00	926.41	0.55	7.36	13,142.00	187.31		
2026/11/01 23:00	1.69	0.06	6.11	0.00	944.79	0.52	6.70	14,205.10	187.80		
2026/11/01 23:30	1.66	0.05	6.77	0.00	939.80	0.53	6.70	14,277.50	188.52		

[동작불량] [OL전원단절] [알람값 초과] [규제값 초과]