측정자료이력(stack #1)

결재	담 당	조 장	팀 장	소 장
	김정수	박 재흥	최서영	

- 측정소명 : 경산시 자원회수시설 stack #1 (30분 자료 - 보정후 값)
- 조회기간 : 2025/11/24 00:00 ~ 2025/11/24 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	0.65	0.28	3.74	0.00	900.29	0.44	5.96	12,614.50	184.93		
측정 최대값	9.38	0.68	14.03	0.00	1,000.57	0.55	8.59	15,960.40	188.08		
측정 누적값	91.19	17.81	308.90	0.00	39,612.64	21.08	315.13	592,475	7,837.77		
측정 평균값	2.17	0.42	7.35	0.00	943.16	0.50	7.50	14,106.54	186.61		
2025/11/24 00:00					986.53	0.61		12,374.60	186.56		
2025/11/24 00:30	1.45	0.44	4.44	0.00	938.48	0.51	7.42	13,959.60	186.68		
2025/11/24 01:00	0.90	0.41	6.30	0.00	974.71	0.48	6.75	14,707.50	186.98		
2025/11/24 01:30	1.57	0.42	5.20	0.00	960.41	0.49	6.88	14,633.90	187.04		
2025/11/24 02:00	1.14	0.40	5.63	0.00	954.55	0.50	7.18	14,366.50	187.22		
2025/11/24 02:30	1.37	0.44	6.71	0.00	940.49	0.53	7.79	13,491.50	186.95		
2025/11/24 03:00	7.51	0.37	8.95	0.00	1,000.57	0.48	6.61	14,824.70	186.57		
2025/11/24 03:30	9.38	0.43	8.58	0.00	936.45	0.53	7.90	13,915.10	186.70		
2025/11/24 04:00					889.37	0.66		10,870.20	186.12		
2025/11/24 04:30	2.05	0.43	8.95	0.00	949.51	0.50	7.31	14,646.70	186.66		
2025/11/24 05:00	1.99	0.45	9.54	0.00	920.48	0.55	8.43	13,101.70	186.69		
2025/11/24 05:30	1.26	0.44	12.52	0.00	956.05	0.52	7.88	13,693.40	186.37		
2025/11/24 06:00	2.06	0.44	12.00	0.00	922.45	0.54	8.29	13,533.90	186.88		
2025/11/24 06:30	2.44	0.44	7.59	0.00	900.29	0.54	8.25	13,342.50	186.83		
2025/11/24 07:00	5.34	0.38	6.57	0.00	940.28	0.50	7.14	14,891.20	186.70		
2025/11/24 07:30	3.14	0.35	6.25	0.00	939.18	0.49	7.05	15,297.30	187.27		
2025/11/24 08:00					920.69	0.62		12,031.70	186.45		
2025/11/24 08:30	1.86	0.41	5.73	0.00	918.85	0.51	7.78	14,097.20	185.98		
2025/11/24 09:00	1.24	0.32	8.93	0.00	973.71	0.47	6.88	15,087.80	186.29		
2025/11/24 09:30	0.65	0.34	14.03	0.00	994.25	0.48	6.96	14,903.20	186.75		
2025/11/24 10:00	1.17	0.38	10.79	0.00	955.61	0.52	8.05	13,493.30	186.45		
2025/11/24 10:30	1.55	0.37	7.23	0.00	942.15	0.51	7.82	13,788.20	186.28		
2025/11/24 11:00	1.66	0.36	6.81	0.00	926.36	0.52	8.19	13,322.00	186.04		
2025/11/24 11:30	1.68	0.32	6.92	0.00	939.95	0.50	7.63	13,926.20	185.69		
2025/11/24 12:00					986.37	0.62		11,629.90	186.14		
2025/11/24 12:30	1.68	0.46	7.47	0.00	918.06	0.51	7.98	13,690.70	186.59		
2025/11/24 13:00	1.73	0.41	4.99	0.00	907.05	0.49	7.55	14,363.00	186.95		
2025/11/24 13:30	1.68	0.38	4.40	0.00	927.09	0.47	6.98	15,110.20	187.47		
2025/11/24 14:00	4.12	0.32	5.33	0.00	977.72	0.44	5.96	15,960.40	187.88		
2025/11/24 14:30	1.65	0.39	6.28	0.00	928.16	0.51	7.93	13,743.90	188.08		
2025/11/24 15:00	1.39	0.35	7.63	0.00	946.68	0.47	7.01	14,690.60	187.81		
2025/11/24 15:30	2.32	0.37	3.74	0.00	903.62	0.50	8.09	13,218.90	186.98		
2025/11/24 16:00					938.76	0.59		12,155.10	186.99		
2025/11/24 16:30	2.44	0.62	4.92	0.00	901.79	0.54	8.59	12,614.50	186.83		
2025/11/24 17:00	1.65	0.62	6.16	0.00	938.09	0.50	7.57	13,885.50	187.10		
2025/11/24 17:30	0.91	0.62	9.82	0.00	970.43	0.48	7.03	14,618.00	187.60		
2025/11/24 18:00	1.14	0.67	8.48	0.00	945.60	0.50	7.56	13,978.60	187.65		
2025/11/24 18:30	1.24	0.68	6.25	0.00	933.98	0.52	7.99	13,215.00	187.05		
2025/11/24 19:00	2.00	0.66	4.18	0.00	920.17	0.52	7.73	13,582.50	186.35		
2025/11/24 19:30	1.14	0.57	5.61	0.00	951.71	0.47	6.82	14,814.60	186.15		
2025/11/24 20:00					941.76	0.61		12,049.00	186.74		
2025/11/24 20:30	1.34	0.35	6.69	0.00	940.71	0.51	7.91	13,452.10	186.11		
2025/11/24 21:00	1.77	0.37	6.35	0.00	915.96	0.52	8.27	12,990.70	185.54		
2025/11/24 21:30	1.22	0.38	6.97	0.00	963.92	0.47	6.76	14,611.40	185.18		
2025/11/24 22:00	1.23	0.35	6.47	0.00	951.17	0.49	7.18	14,307.40	185.28		
2025/11/24 22:30	5.69	0.29	8.10	0.00	987.00	0.47	6.56	15,251.10	185.55		
2025/11/24 23:00	1.83	0.28	9.99	0.00	968.47	0.50	7.26	14,287.00	185.67		
2025/11/24 23:30	1.61	0.33	9.40	0.00	930.48	0.53	8.21	13,065.10	184.93		

[동작불량] [전원단절] [보수중] [DL전원단절] [알람값 초과] [규제값 초과]

측정자료이력(stack #1)

결재	담 당	조 장	팀 장	소 장
	천학수	정성보	최서영	

- 측정소명 : 경산시 자원회수시설 stack #1 (30분 자료 - 보정후 값)
- 조회기간 : 2025/11/25 00:00 ~ 2025/11/25 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	0.76	0.25	3.65	0.00	886.03	0.45	5.64	12,479.40	184.82
측정 최대값	18.07	0.58	16.67	0.00	1,013.10	0.95	8.73	16,470.70	189.23
측정 누적값	112.84	16.94	270.87	0.00	39,741.76	21.51	307.65	603,695	7,836.79
측정 평균값	2.69	0.40	6.45	0.00	946.23	0.51	7.32	14,373.68	186.59
2025/11/25 00:00					992.31	0.61		12,024.10	184.80
2025/11/25 00:30	4.66	0.26	11.94	0.00	999.18	0.49	6.79	14,653.90	185.11
2025/11/25 01:00	1.15	0.33	13.90	0.00	973.95	0.49	7.11	14,699.10	185.66
2025/11/25 01:30	0.76	0.29	16.67	0.00	996.84	0.46	6.21	15,793.20	186.19
2025/11/25 02:00	1.58	0.34	10.83	0.00	931.17	0.51	7.50	14,294.50	186.54
2025/11/25 02:30	2.61	0.38	6.70	0.00	886.03	0.54	8.28	13,285.40	186.19
2025/11/25 03:00	6.29	0.34	6.45	0.00	945.73	0.48	6.79	14,628.60	185.33
2025/11/25 03:30	1.82	0.36	7.80	0.00	950.77	0.48	6.94	14,566.50	185.12
2025/11/25 04:00					943.85	0.66		10,666.70	184.98
2025/11/25 04:30	2.30	0.57	7.94	0.00	927.77	0.52	7.94	13,337.40	184.91
2025/11/25 05:00	1.77	0.58	6.44	0.00	909.56	0.53	8.14	13,270.80	184.82
2025/11/25 05:30	1.60	0.55	7.31	0.00	922.63	0.51	7.61	13,947.10	185.10
2025/11/25 06:00	3.56	0.55	4.82	0.00	922.67	0.51	7.62	14,087.30	185.19
2025/11/25 06:30	6.66	0.46	6.30	0.00	987.65	0.45	5.73	16,470.70	186.16
2025/11/25 07:00	1.91	0.56	3.88	0.00	898.36	0.54	8.32	13,131.10	185.90
2025/11/25 07:30	7.33	0.48	5.52	0.00	985.65	0.46	5.94	16,234.60	186.34
2025/11/25 08:00					927.58	0.65		11,269.90	186.04
2025/11/25 08:30	1.91	0.31	4.84	0.00	924.37	0.53	8.01	13,396.70	185.70
2025/11/25 09:00	1.78	0.30	4.86	0.00	939.82	0.52	7.79	13,533.40	185.28
2025/11/25 09:30	1.70	0.31	6.29	0.00	933.07	0.53	8.08	13,184.50	185.92
2025/11/25 10:00	2.06	0.32	3.97	0.00	901.17	0.55	8.62	12,597.10	185.89
2025/11/25 10:30	2.27	0.28	3.65	0.00	900.64	0.52	8.19	13,266.70	185.98
2025/11/25 11:00	1.63	0.25	4.31	0.00	940.82	0.49	7.05	14,711.40	185.99
2025/11/25 11:30	2.05	0.29	4.29	0.00	920.42	0.51	7.60	14,025.80	186.45
2025/11/25 12:00					967.15	0.63		12,140.20	187.25
2025/11/25 12:30	1.45	0.37	4.27	0.00	966.32	0.47	6.42	15,520.10	187.56
2025/11/25 13:00	7.99	0.39	4.07	0.00	970.43	0.48	6.68	15,103.60	187.48
2025/11/25 13:30	18.07	0.32	7.19	0.00	1,013.10	0.45	5.64	16,414.80	188.47
2025/11/25 14:00	1.73	0.28	5.51	0.00	977.69	0.48	6.62	15,223.00	189.23
2025/11/25 14:30	1.07	0.33	5.60	0.00	957.71	0.51	7.60	13,856.80	188.27
2025/11/25 15:00	1.20	0.37	7.05	0.00	969.84	0.51	7.48	14,678.90	187.63
2025/11/25 15:30	1.92	0.39	4.14	0.00	910.07	0.55	8.73	12,479.40	187.19
2025/11/25 16:00					938.09	0.61		12,136.30	186.71
2025/11/25 16:30	1.50	0.38	4.61	0.00	966.27	0.47	6.74	14,879.00	187.08
2025/11/25 17:00	1.51	0.44	3.84	0.00	942.06	0.51	7.62	13,822.90	187.08
2025/11/25 17:30	1.09	0.42	6.55	0.00	970.23	0.49	6.88	14,947.10	187.42
2025/11/25 18:00	1.78	0.47	6.91	0.00	910.32	0.95	8.56	12,987.20	187.49
2025/11/25 18:30	1.07	0.43	9.72	0.00	961.21	0.49	6.94	14,887.70	187.37
2025/11/25 19:00	1.78	0.45	5.95	0.00	916.85	0.53	8.00	13,496.40	187.10
2025/11/25 19:30	1.85	0.47	5.27	0.00	923.90	0.52	7.71	14,121.50	186.92
2025/11/25 20:00					957.38	0.63		12,764.10	187.43
2025/11/25 20:30	1.71	0.45	4.95	0.00	954.43	0.50	7.03	15,053.70	188.17
2025/11/25 21:00	1.46	0.47	5.70	0.00	959.61	0.50	7.21	14,589.20	187.44
2025/11/25 21:30	1.42	0.49	7.77	0.00	962.16	0.49	7.02	15,069.00	187.24
2025/11/25 22:00	2.19	0.46	5.56	0.00	959.61	0.48	6.90	15,017.30	186.83
2025/11/25 22:30	2.20	0.51	4.69	0.00	913.15	0.54	8.24	13,418.00	186.46
2025/11/25 23:00	1.29	0.46	6.18	0.00	964.79	0.48	6.66	15,547.30	186.99
2025/11/25 23:30	1.16	0.48	6.63	0.00	973.74	0.49	6.71	15,466.00	187.60

[동작불량] [전원단절] [보수중] [DL전원단절] [알람값 초과] [규제값 초과]

측정자료이력(stack #1)

결재	담 당	조 장	팀 장	소 장
	강재훈	정성보	최서영	

- 측정소명 : 경산시 자원회수시설 stack #1 (30분 자료 - 보정후 값)
- 조회기간 : 2025/11/26 00:00 ~ 2025/11/26 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	0.54	0.30	1.72	0.00	927.54	0.45	5.69	13,909.20	186.80
측정 최대값	20.40	0.53	18.12	0.00	1,043.55	0.54	7.82	16,462.70	190.11
측정 누적값	95.74	15.49	324.45	0.00	36,989.22	18.72	259.15	577,780	7,151.36
측정 평균값	2.52	0.41	8.54	0.00	973.40	0.49	6.82	15,204.74	188.19
2025/11/26 00:00	[redacted]	[redacted]	[redacted]	[redacted]	953.65	0.62	[redacted]	12,469.10	187.63
2025/11/26 00:30	1.27	0.42	9.34	0.00	961.33	0.52	7.55	14,282.20	187.42
2025/11/26 01:00	1.13	0.39	11.56	0.00	956.92	0.51	7.43	14,350.20	187.18
2025/11/26 01:30	0.61	0.34	15.41	0.00	1,009.20	0.47	6.24	15,877.10	187.78
2025/11/26 02:00	1.00	0.38	13.78	0.00	969.29	0.51	7.40	14,408.90	187.76
2025/11/26 02:30	0.87	0.38	12.63	0.00	993.47	0.49	6.88	14,978.20	187.59
2025/11/26 03:00	1.15	0.39	10.17	0.00	962.28	0.54	7.33	14,607.70	187.55
2025/11/26 03:30	0.99	0.35	11.62	0.00	1,001.97	0.47	6.00	16,340.20	188.23
2025/11/26 04:00	[redacted]	[redacted]	[redacted]	[redacted]	950.13	0.65	[redacted]	11,818.70	188.12
2025/11/26 04:30	0.67	0.41	12.37	0.00	998.60	0.47	6.30	15,680.20	187.80
2025/11/26 05:00	19.48	0.36	8.85	0.00	969.39	0.50	6.74	15,516.20	187.88
2025/11/26 05:30	1.06	0.42	10.67	0.00	966.84	0.52	7.37	14,593.20	188.37
2025/11/26 06:00	1.16	0.48	12.10	0.00	974.59	0.50	6.97	15,162.40	188.63
2025/11/26 06:30	0.95	0.42	11.02	0.00	973.17	0.49	6.59	15,695.30	188.38
2025/11/26 07:00	1.55	0.46	11.02	0.00	988.27	0.47	5.98	16,462.70	188.34
2025/11/26 07:30	0.99	0.42	9.94	0.00	968.74	0.49	6.61	15,757.30	189.21
2025/11/26 08:00	[redacted]	[redacted]	[redacted]	[redacted]	939.42	0.65	[redacted]	11,725.90	188.45
2025/11/26 08:30	2.74	0.41	9.34	0.00	991.79	0.47	5.95	16,307.20	188.04
2025/11/26 09:00	2.58	0.39	14.09	0.00	1,011.49	0.47	5.95	16,293.20	188.91
2025/11/26 09:30	0.93	0.45	13.91	0.00	987.52	0.50	6.92	15,160.20	189.57
2025/11/26 10:00	1.29	0.46	12.53	0.00	983.29	0.51	7.03	15,050.90	188.68
2025/11/26 10:30	0.54	0.43	18.12	0.00	1,043.55	0.45	5.69	16,450.90	188.35
2025/11/26 11:00	5.65	0.48	11.77	0.00	992.89	0.51	6.97	14,920.30	188.76
2025/11/26 11:30	20.40	0.45	9.71	0.00	957.64	0.53	7.62	14,133.70	188.89
2025/11/26 12:00	[redacted]	[redacted]	[redacted]	[redacted]	916.29	0.65	[redacted]	11,410.90	187.70
2025/11/26 12:30	1.72	0.32	11.89	0.00	936.79	0.52	7.82	13,909.20	187.11
2025/11/26 13:00	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
2025/11/26 13:30	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
2025/11/26 14:00	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
2025/11/26 14:30	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
2025/11/26 15:00	1.61	0.33	3.62	0.00	934.34	0.50	7.42	14,309.10	188.03
2025/11/26 15:30	1.52	0.32	4.22	0.00	961.30	0.48	6.89	15,040.10	188.01
2025/11/26 16:00	[redacted]	[redacted]	[redacted]	[redacted]	994.87	0.61	[redacted]	12,862.10	188.57
2025/11/26 16:30	1.45	0.42	4.86	0.00	994.07	0.46	6.00	16,356.60	189.96
2025/11/26 17:00	1.34	0.50	4.42	0.00	948.81	0.50	7.19	14,695.80	190.11
2025/11/26 17:30	2.07	0.53	5.72	0.00	941.27	0.52	7.70	14,125.80	188.72
2025/11/26 18:00	1.89	0.51	3.37	0.00	936.49	0.50	7.23	14,732.20	188.27
2025/11/26 18:30	1.58	0.49	3.70	0.00	967.19	0.48	6.72	15,444.60	188.36
2025/11/26 19:00	1.61	0.51	3.50	0.00	959.84	0.49	6.97	14,842.40	187.73
2025/11/26 19:30	1.39	0.52	3.54	0.00	959.99	0.49	7.07	14,794.60	187.52
2025/11/26 20:00	[redacted]	[redacted]	[redacted]	[redacted]	942.68	0.63	[redacted]	12,023.90	187.38
2025/11/26 20:30	1.80	0.36	1.72	0.00	936.13	0.51	7.48	14,254.90	186.80
2025/11/26 21:00	0.89	0.30	4.39	0.00	1,006.15	0.46	5.97	16,218.10	187.56
2025/11/26 21:30	1.98	0.33	4.04	0.00	982.07	0.49	6.82	15,047.50	188.12
2025/11/26 22:00	2.41	0.39	3.75	0.00	927.54	0.53	7.71	14,143.00	188.01
2025/11/26 22:30	1.68	0.34	4.52	0.00	982.33	0.46	5.89	16,405.50	187.66
2025/11/26 23:00	2.09	0.33	3.58	0.00	976.61	0.46	6.17	16,103.00	187.97
2025/11/26 23:30	1.70	0.30	3.66	0.00	976.07	0.48	6.58	15,329.50	188.10

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

측정자료이력(stack #1)

결재	담 당	조 장	팀 장	소 장
	박규동	이득천	최서영	

- 측정소명 : 경산시 자원회수시설 stack #1 (30분 자료 - 보정후 값)
- 조회기간 : 2025/11/27 00:00 ~ 2025/11/27 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	0.77	0.24	1.05	0.00	879.57	0.46	6.05	12,665.90	186.58
측정 최대값	17.15	0.52	4.36	0.00	992.33	0.57	8.71	16,347.60	189.13
측정 누적값	113.93	17.22	87.94	0.00	39,615.74	20.73	295.50	628,421	7,884.87
측정 평균값	2.71	0.41	2.09	0.00	943.23	0.49	7.04	14,962.41	187.73
2025/11/27 00:00					946.35	0.63		12,334.10	187.55
2025/11/27 00:30	1.39	0.37	2.63	0.00	985.80	0.46	6.10	16,071.40	187.76
2025/11/27 01:00	1.45	0.40	3.92	0.00	980.61	0.48	6.63	15,430.70	188.24
2025/11/27 01:30	1.81	0.41	2.62	0.00	938.50	0.51	7.13	14,883.20	188.41
2025/11/27 02:00	2.74	0.45	1.97	0.00	881.42	0.57	8.71	12,665.90	186.88
2025/11/27 02:30	9.79	0.38	2.14	0.00	962.77	0.47	6.43	15,608.80	186.65
2025/11/27 03:00	3.38	0.39	1.81	0.00	944.85	0.49	6.82	15,102.30	187.33
2025/11/27 03:30	1.87	0.37	1.98	0.00	965.35	0.47	6.31	15,770.00	187.92
2025/11/27 04:00					951.04	0.62		12,486.10	187.39
2025/11/27 04:30	2.06	0.49	1.28	0.00	918.65	0.52	7.76	13,824.70	186.82
2025/11/27 05:00	1.30	0.46	2.27	0.00	962.55	0.49	6.83	14,767.80	186.69
2025/11/27 05:30	1.64	0.49	1.52	0.00	945.21	0.51	7.46	14,169.60	186.58
2025/11/27 06:00	1.16	0.45	1.84	0.00	964.79	0.48	6.87	15,051.70	187.20
2025/11/27 06:30	0.77	0.46	4.36	0.00	992.33	0.48	6.57	15,447.40	187.83
2025/11/27 07:00	2.04	0.52	2.18	0.00	931.69	0.54	7.97	13,866.80	187.73
2025/11/27 07:30	2.20	0.51	1.66	0.00	912.05	0.53	7.99	13,604.60	187.05
2025/11/27 08:00					977.05	0.63		12,643.70	187.30
2025/11/27 08:30	1.18	0.39	3.56	0.00	980.54	0.48	6.47	15,461.20	187.62
2025/11/27 09:00	1.38	0.44	2.17	0.00	951.95	0.51	7.33	14,518.80	187.71
2025/11/27 09:30	1.40	0.47	2.11	0.00	950.34	0.51	7.50	13,976.80	187.29
2025/11/27 10:00	1.56	0.51	2.99	0.00	959.19	0.51	7.69	13,950.90	187.24
2025/11/27 10:30	12.28	0.43	3.31	0.00	957.78	0.49	7.04	14,713.80	187.45
2025/11/27 11:00	2.04	0.46	3.07	0.00	928.83	0.51	7.64	14,257.20	187.28
2025/11/27 11:30	2.77	0.37	3.01	0.00	956.44	0.48	6.57	15,161.70	186.95
2025/11/27 12:00					964.11	0.60		12,601.80	186.89
2025/11/27 12:30	3.06	0.27	2.05	0.00	940.34	0.50	7.28	14,575.00	187.23
2025/11/27 13:00	3.17	0.25	1.11	0.00	879.57	0.52	8.00	13,793.70	187.38
2025/11/27 13:30	2.62	0.25	1.05	0.00	906.45	0.49	7.24	14,727.00	187.49
2025/11/27 14:00	2.03	0.24	1.05	0.00	928.77	0.47	6.60	15,633.30	188.24
2025/11/27 14:30	17.15	0.25	1.14	0.00	936.93	0.48	6.59	15,730.00	188.78
2025/11/27 15:00	3.85	0.24	1.11	0.00	958.57	0.46	6.09	16,347.60	188.86
2025/11/27 15:30	2.16	0.27	1.12	0.00	936.77	0.48	6.79	15,591.60	189.13
2025/11/27 16:00					914.45	0.63		12,637.30	189.00
2025/11/27 16:30	1.77	0.43	1.70	0.00	942.29	0.49	6.92	15,073.60	188.66
2025/11/27 17:00	2.35	0.42	1.71	0.00	909.92	0.52	7.59	14,568.90	188.84
2025/11/27 17:30	2.15	0.44	1.67	0.00	917.93	0.49	7.04	15,380.40	188.99
2025/11/27 18:00	2.18	0.42	1.06	0.00	939.93	0.47	6.44	15,945.00	188.92
2025/11/27 18:30	1.68	0.42	1.38	0.00	960.17	0.46	6.05	16,292.40	188.29
2025/11/27 19:00	1.82	0.43	1.23	0.00	925.47	0.51	7.36	14,667.20	187.72
2025/11/27 19:30	1.34	0.43	2.76	0.00	955.20	0.48	6.61	15,698.90	187.97
2025/11/27 20:00					943.57	0.62		12,778.20	187.98
2025/11/27 20:30	1.25	0.44	2.50	0.00	957.37	0.48	6.86	15,276.00	188.15
2025/11/27 21:00	1.98	0.49	2.27	0.00	936.08	0.51	7.56	14,485.90	187.55
2025/11/27 21:30	1.23	0.46	3.00	0.00	948.98	0.49	6.89	15,188.80	187.46
2025/11/27 22:00	2.11	0.48	1.86	0.00	911.27	0.51	7.59	14,651.30	187.47
2025/11/27 22:30	1.08	0.42	2.17	0.00	962.91	0.46	6.25	16,009.30	187.60
2025/11/27 23:00	1.31	0.46	1.78	0.00	936.65	0.49	7.08	15,033.20	187.65
2025/11/27 23:30	1.43	0.49	1.82	0.00	952.53	0.48	6.85	15,446.70	187.86

[동작불량] [전원단절] [보수중] [DL전원단절] [알람값 초과] [규제값 초과]

측정자료이력(stack #1)

결재	담 당	조 장	팀 장	소 장
	박규동	이수빈	최서영	

- 측정소명 : 경산시 자원회수시설 stack #1 (30분 자료 - 보정후 값)
- 조회기간 : 2025/11/28 00:00 ~ 2025/11/28 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	1.15	0.32	1.22	0.00	871.56	0.45	5.82	12,627.40	184.79		
측정 최대값	5.51	0.52	6.78	0.00	986.95	0.57	9.03	16,326.80	187.97		
측정 누적값	80.80	18.17	132.91	0.00	38,952.38	21.46	315.93	606,601	7,840.72		
측정 평균값	1.92	0.43	3.16	0.00	927.44	0.51	7.52	14,442.88	186.68		
2025/11/28 00:00					939.63	0.66		11,592.30	187.49		
2025/11/28 00:30	2.29	0.45	1.69	0.00	916.09	0.51	7.62	14,461.60	187.20		
2025/11/28 01:00	2.01	0.46	1.76	0.00	914.89	0.52	7.57	14,704.90	187.50		
2025/11/28 01:30	1.15	0.46	2.43	0.00	967.95	0.47	6.40	15,871.70	187.97		
2025/11/28 02:00	1.76	0.51	2.98	0.00	934.79	0.52	7.75	14,257.10	187.86		
2025/11/28 02:30	2.32	0.47	2.42	0.00	922.61	0.51	7.43	14,674.20	187.28		
2025/11/28 03:00	2.00	0.46	2.22	0.00	906.99	0.51	7.67	14,335.80	186.93		
2025/11/28 03:30	1.84	0.46	2.03	0.00	938.61	0.49	7.02	15,048.60	186.87		
2025/11/28 04:00					908.51	0.65		11,771.30	187.02		
2025/11/28 04:30	2.41	0.50	1.65	0.00	907.44	0.54	8.07	13,815.00	186.77		
2025/11/28 05:00	1.16	0.45	2.45	0.00	986.95	0.46	6.10	16,326.80	187.29		
2025/11/28 05:30	1.79	0.47	1.31	0.00	944.00	0.49	6.99	15,225.90	187.27		
2025/11/28 06:00	2.07	0.50	1.31	0.00	912.03	0.53	7.85	14,163.00	187.27		
2025/11/28 06:30	1.82	0.50	1.22	0.00	918.15	0.51	7.56	14,706.40	187.31		
2025/11/28 07:00	1.56	0.52	1.79	0.00	937.74	0.51	7.20	15,250.30	187.90		
2025/11/28 07:30	1.77	0.52	1.77	0.00	946.29	0.50	7.03	15,257.50	187.73		
2025/11/28 08:00					930.49	0.63		12,286.90	186.92		
2025/11/28 08:30	1.71	0.42	1.87	0.00	915.51	0.53	8.00	14,147.40	187.14		
2025/11/28 09:00	1.57	0.41	3.94	0.00	975.10	0.50	6.77	15,524.50	187.43		
2025/11/28 09:30	1.34	0.39	5.46	0.00	974.85	0.49	6.87	15,333.10	187.23		
2025/11/28 10:00	1.98	0.42	3.25	0.00	891.23	0.57	9.03	12,627.40	186.49		
2025/11/28 10:30	1.72	0.38	3.81	0.00	936.57	0.51	7.64	14,255.70	185.95		
2025/11/28 11:00	1.94	0.41	2.87	0.00	871.56	0.56	8.77	12,855.30	185.33		
2025/11/28 11:30	1.44	0.41	2.85	0.00	923.15	0.49	7.14	14,378.30	184.79		
2025/11/28 12:00					952.06	0.61		12,279.30	185.11		
2025/11/28 12:30	1.53	0.38	2.52	0.00	930.43	0.49	7.19	14,276.10	185.36		
2025/11/28 13:00	1.52	0.35	4.30	0.00	973.53	0.47	6.39	15,264.50	185.83		
2025/11/28 13:30	5.51	0.32	3.44	0.00	986.78	0.45	5.82	15,973.90	186.22		
2025/11/28 14:00	1.75	0.37	2.49	0.00	908.07	0.52	7.96	13,562.80	186.11		
2025/11/28 14:30	3.55	0.36	2.95	0.00	918.52	0.51	7.67	13,872.30	185.51		
2025/11/28 15:00	1.87	0.37	3.38	0.00	910.27	0.52	7.96	13,654.00	185.61		
2025/11/28 15:30	2.11	0.39	3.45	0.00	898.77	0.54	8.36	13,528.50	186.16		
2025/11/28 16:00					913.43	0.66		11,128.20	186.71		
2025/11/28 16:30	2.00	0.43	3.88	0.00	918.92	0.51	7.75	14,303.00	187.05		
2025/11/28 17:00	1.89	0.43	4.32	0.00	909.45	0.52	7.94	14,150.90	187.37		
2025/11/28 17:30	2.47	0.47	4.07	0.00	893.77	0.54	8.35	13,499.80	186.92		
2025/11/28 18:00	2.00	0.43	3.26	0.00	905.02	0.51	7.67	14,303.10	186.81		
2025/11/28 18:30	1.60	0.41	3.26	0.00	923.21	0.50	7.32	14,657.30	187.02		
2025/11/28 19:00	1.58	0.42	3.30	0.00	934.67	0.50	7.30	14,623.50	187.04		
2025/11/28 19:30	1.72	0.45	3.48	0.00	928.55	0.52	7.82	13,917.80	186.77		
2025/11/28 20:00					893.63	0.65		11,761.60	186.30		
2025/11/28 20:30	1.51	0.37	4.10	0.00	924.45	0.51	7.39	14,846.40	186.81		
2025/11/28 21:00	1.77	0.41	3.35	0.00	907.02	0.52	7.92	14,006.20	186.35		
2025/11/28 21:30	1.30	0.40	3.73	0.00	938.42	0.50	7.28	14,718.20	186.15		
2025/11/28 22:00	1.19	0.42	5.57	0.00	957.75	0.50	7.17	14,728.30	186.43		
2025/11/28 22:30	2.41	0.49	5.38	0.00	903.25	0.55	8.42	13,438.40	186.21		
2025/11/28 23:00	2.29	0.48	4.82	0.00	901.72	0.55	8.38	13,301.90	185.46		
2025/11/28 23:30	1.58	0.45	6.78	0.00	937.31	0.51	7.39	14,753.60	186.02		

[동작불량] [DL진행단계] [알람값 초과] [규제값 초과]

측정자료이력(stack #1)

결재	담 당	조 장	팀 장	소 장
	권준혁	이재훈	최시영	

- 측정소명 : 경산시 자원회수시설 stack #1 (30분 자료 - 보정후 값)
- 조회기간 : 2025/11/29 00:00 ~ 2025/11/29 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	0.72	0.23	5.29	0.00	891.12	0.43	5.34	12,969.10	185.55	
측정 최대값	31.86	0.58	19.49	0.00	1,016.43	0.57	8.60	16,642.60	188.15	
측정 누적값	93.90	16.59	510.95	0.00	39,921.00	21.18	307.24	614,246	7,862.24	
측정 평균값	2.24	0.39	12.17	0.00	950.50	0.50	7.32	14,624.90	187.20	
2025/11/29 00:00					909.44	0.66		12,269.20	186.92	
2025/11/29 00:30	2.23	0.31	5.29	0.00	891.69	0.54	7.96	14,255.20	187.17	
2025/11/29 01:00	1.15	0.30	9.25	0.00	948.49	0.50	7.02	15,300.20	187.33	
2025/11/29 01:30	1.70	0.29	8.64	0.00	919.59	0.54	7.91	14,163.90	187.34	
2025/11/29 02:00	1.74	0.30	6.49	0.00	927.85	0.51	7.48	14,738.70	186.89	
2025/11/29 02:30	2.28	0.31	5.30	0.00	892.14	0.56	8.40	13,504.60	186.91	
2025/11/29 03:00	1.60	0.28	5.31	0.00	940.71	0.51	7.19	14,976.40	187.15	
2025/11/29 03:30	0.80	0.26	8.48	0.00	987.37	0.49	6.65	15,665.60	187.67	
2025/11/29 04:00					926.41	0.66		11,691.10	187.79	
2025/11/29 04:30	1.21	0.44	6.21	0.00	948.64	0.52	7.56	14,339.30	187.01	
2025/11/29 05:00	0.99	0.43	10.51	0.00	982.01	0.51	7.00	15,257.10	187.43	
2025/11/29 05:30	1.14	0.45	11.17	0.00	938.63	0.54	7.94	14,301.90	188.05	
2025/11/29 06:00	2.24	0.48	7.08	0.00	891.12	0.57	8.60	13,534.50	187.62	
2025/11/29 06:30	1.16	0.44	8.41	0.00	949.93	0.51	7.18	15,040.70	186.93	
2025/11/29 07:00	1.04	0.43	10.16	0.00	964.57	0.49	6.68	15,826.00	187.74	
2025/11/29 07:30	1.01	0.44	11.97	0.00	952.24	0.52	7.42	14,929.80	188.15	
2025/11/29 08:00					928.98	0.65		12,425.90	187.64	
2025/11/29 08:30	1.19	0.31	10.09	0.00	953.95	0.52	7.18	15,028.30	187.37	
2025/11/29 09:00	1.49	0.28	10.01	0.00	924.23	0.55	8.11	13,908.50	187.00	
2025/11/29 09:30	2.52	0.28	9.26	0.00	941.14	0.52	7.46	14,708.70	186.88	
2025/11/29 10:00	1.47	0.29	8.88	0.00	931.97	0.52	7.53	14,724.80	187.07	
2025/11/29 10:30	1.37	0.30	12.89	0.00	952.45	0.51	7.25	15,117.60	187.32	
2025/11/29 11:00	1.73	0.35	11.79	0.00	926.45	0.52	7.69	14,404.60	187.42	
2025/11/29 11:30	1.01	0.32	13.17	0.00	979.63	0.48	6.73	15,316.10	187.55	
2025/11/29 12:00					996.30	0.63		11,898.50	187.88	
2025/11/29 12:30	0.81	0.50	16.73	0.00	981.28	0.50	7.47	14,077.10	187.58	
2025/11/29 13:00	0.74	0.52	13.78	0.00	974.73	0.50	7.54	14,061.00	186.95	
2025/11/29 13:30	1.33	0.58	14.78	0.00	957.19	0.49	7.30	14,754.60	187.23	
2025/11/29 14:00	1.19	0.58	15.52	0.00	938.64	0.51	7.65	14,261.60	187.63	
2025/11/29 14:30	0.82	0.52	16.54	0.00	967.57	0.48	6.95	15,077.30	188.04	
2025/11/29 15:00	1.49	0.57	13.70	0.00	923.01	0.52	8.15	13,515.80	187.91	
2025/11/29 15:30	0.92	0.53	19.03	0.00	974.17	0.48	7.02	14,851.20	187.48	
2025/11/29 16:00					891.70	0.67		10,378.30	187.21	
2025/11/29 16:30	2.42	0.31	14.39	0.00	902.11	0.52	7.94	13,444.50	186.68	
2025/11/29 17:00	2.27	0.24	13.38	0.00	951.01	0.47	6.70	14,925.90	186.55	
2025/11/29 17:30	1.38	0.25	10.24	0.00	952.63	0.47	6.77	14,801.80	187.00	
2025/11/29 18:00	2.46	0.27	12.40	0.00	965.73	0.46	6.49	15,361.80	187.41	
2025/11/29 18:30	31.86	0.23	13.62	0.00	1,006.43	0.43	5.34	16,642.60	187.48	
2025/11/29 19:00	2.21	0.28	19.49	0.00	1,004.21	0.47	6.47	15,347.70	187.89	
2025/11/29 19:30	1.81	0.37	13.77	0.00	926.99	0.53	8.35	12,969.10	186.98	
2025/11/29 20:00					974.77	0.61		11,905.40	186.69	
2025/11/29 20:30	1.37	0.53	16.73	0.00	961.43	0.49	7.16	14,525.10	186.61	
2025/11/29 21:00	1.75	0.55	14.17	0.00	927.60	0.52	7.95	13,460.10	186.32	
2025/11/29 21:30	1.36	0.54	17.22	0.00	948.39	0.51	7.86	13,356.40	185.55	
2025/11/29 22:00	0.72	0.45	18.96	0.00	1,016.43	0.45	6.04	15,686.00	186.24	
2025/11/29 22:30	3.72	0.50	14.93	0.00	969.11	0.48	6.91	14,782.10	186.67	
2025/11/29 23:00	0.74	0.46	19.22	0.00	990.00	0.47	6.69	15,196.80	187.09	
2025/11/29 23:30	1.46	0.52	11.99	0.00	937.54	0.50	7.55	14,104.80	186.95	

[동작불량] [DL전원단절] [알람값 초과] [규제값 초과]

측정자료이력(stack #1)

결재	담 당	조 장	팀 장	소 장
	전정욱	이재훈	최시영	

- 측정소명 : 경산시 자원회수시설 stack #1 (30분 자료 - 보정후 값)
- 조회기간 : 2025/11/30 00:00 ~ 2025/11/30 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	0.74	0.22	1.73	0.00	892.85	0.43	5.66	13,222.50	185.55
측정 최대값	30.99	0.57	16.91	0.00	1,000.67	0.52	8.14	16,334.40	187.73
측정 누적값	190.12	16.18	329.35	0.00	39,929.87	19.89	293.10	614,305	7,833.98
측정 평균값	4.53	0.39	7.84	0.00	950.71	0.47	6.98	14,626.32	186.52
2025/11/30 00:00					929.17	0.62		11,734.10	186.25
2025/11/30 00:30	1.27	0.41	14.06	0.00	956.79	0.48	7.03	14,580.10	186.13
2025/11/30 01:00	13.29	0.36	16.30	0.00	981.03	0.46	6.27	15,644.40	186.97
2025/11/30 01:30	1.55	0.42	11.27	0.00	928.34	0.51	7.86	13,718.90	186.84
2025/11/30 02:00	9.10	0.34	12.55	0.00	993.29	0.45	5.81	16,334.40	187.08
2025/11/30 02:30	1.00	0.35	14.90	0.00	971.20	0.48	6.86	14,923.60	187.24
2025/11/30 03:00	1.66	0.35	13.47	0.00	936.71	0.50	7.52	14,057.00	187.15
2025/11/30 03:30	2.23	0.40	11.41	0.00	904.84	0.52	8.14	13,222.50	186.29
2025/11/30 04:00					967.11	0.61		12,192.40	186.28
2025/11/30 04:30	1.06	0.34	10.18	0.00	1,000.67	0.44	5.66	16,159.90	186.69
2025/11/30 05:00	0.99	0.35	12.56	0.00	970.95	0.48	6.91	14,569.10	186.82
2025/11/30 05:30	0.74	0.36	16.91	0.00	985.38	0.48	6.84	14,700.50	186.86
2025/11/30 06:00	3.14	0.38	11.69	0.00	981.13	0.47	6.75	14,703.50	186.62
2025/11/30 06:30	1.02	0.38	15.53	0.00	986.69	0.47	6.94	14,615.40	186.79
2025/11/30 07:00	1.89	0.39	11.07	0.00	937.35	0.50	7.30	14,295.40	186.81
2025/11/30 07:30	2.19	0.40	8.12	0.00	901.99	0.52	8.00	13,414.40	186.07
2025/11/30 08:00					977.31	0.62		12,665.10	186.85
2025/11/30 08:30	1.80	0.34	7.19	0.00	954.81	0.48	6.89	15,016.40	187.12
2025/11/30 09:00	30.99	0.25	7.08	0.00	982.29	0.45	5.92	15,999.50	186.58
2025/11/30 09:30	1.52	0.41	6.14	0.00	933.73	0.51	7.80	13,600.70	185.76
2025/11/30 10:00	1.55	0.38	7.56	0.00	937.82	0.49	7.44	14,204.70	185.55
2025/11/30 10:30	10.15	0.36	9.98	0.00	973.61	0.46	6.31	15,564.10	185.67
2025/11/30 11:00	5.29	0.40	9.31	0.00	946.54	0.48	7.21	14,344.90	185.58
2025/11/30 11:30	5.72	0.36	5.71	0.00	950.67	0.46	6.89	14,625.70	185.66
2025/11/30 12:00					967.80	0.59		12,102.50	185.90
2025/11/30 12:30	5.41	0.36	3.99	0.00	932.69	0.47	7.06	14,397.50	186.19
2025/11/30 13:00	1.53	0.34	3.65	0.00	932.74	0.46	7.13	14,142.50	185.79
2025/11/30 13:30	2.02	0.29	4.61	0.00	968.07	0.44	6.32	15,167.80	185.55
2025/11/30 14:00	1.99	0.28	3.25	0.00	920.96	0.49	7.62	13,730.20	185.77
2025/11/30 14:30	6.23	0.25	5.99	0.00	966.35	0.45	6.51	15,343.60	186.58
2025/11/30 15:00	2.14	0.24	3.53	0.00	942.37	0.46	6.98	14,561.50	186.76
2025/11/30 15:30	0.92	0.22	4.97	0.00	981.70	0.44	6.41	15,176.70	186.86
2025/11/30 16:00					952.57	0.62		11,155.90	187.05
2025/11/30 16:30	1.89	0.53	8.56	0.00	996.43	0.45	6.62	14,769.70	186.88
2025/11/30 17:00	0.99	0.56	7.99	0.00	967.63	0.48	7.35	14,124.70	187.02
2025/11/30 17:30	1.16	0.57	9.67	0.00	976.70	0.46	6.89	14,802.00	186.99
2025/11/30 18:00	16.30	0.46	8.84	0.00	994.70	0.43	5.85	16,050.50	187.73
2025/11/30 18:30	1.45	0.55	6.76	0.00	929.02	0.49	7.46	14,119.30	187.37
2025/11/30 19:00	1.34	0.57	4.93	0.00	930.72	0.49	7.43	14,018.20	186.63
2025/11/30 19:30	2.49	0.57	4.40	0.00	909.91	0.49	7.71	13,684.90	186.24
2025/11/30 20:00					909.29	0.61		11,393.50	186.18
2025/11/30 20:30	7.53	0.38	3.31	0.00	955.05	0.45	6.52	15,250.80	186.64
2025/11/30 21:00	17.79	0.36	1.73	0.00	952.24	0.45	6.32	15,364.10	186.77
2025/11/30 21:30	1.68	0.41	1.76	0.00	896.87	0.49	7.75	13,635.70	186.28
2025/11/30 22:00	7.48	0.41	2.34	0.00	943.13	0.46	6.64	15,078.10	186.24
2025/11/30 22:30	2.42	0.41	1.94	0.00	899.21	0.49	7.66	13,827.00	186.25
2025/11/30 23:00	2.82	0.36	2.25	0.00	892.85	0.49	7.52	14,094.70	186.46
2025/11/30 23:30	6.39	0.33	1.89	0.00	924.70	0.47	7.00	14,670.80	186.70

[동작불량] [전원단절] [보수중] [DL전원단절] [알람값 초과] [규제값 초과]