측정자료이력(stack #1)

결재	담 당	조 장	팀 장	소 장
	김승원	박재홍	최	

- 측정소명 : 경산시 자원회수시설 stack #1 (30분 자료 - 보정후 값)
- 조회기간 : 2024/07/08 00:00 ~ 2024/07/08 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	0.75	0.19	1.60	0.00	920.06	0.44	5.57	11,102.20	185.28		
측정 최대값	10.88	0.47	6.25	0.00	1,028.06	0.51	7.81	14,298.00	189.73		
측정 누적값	135.99	12.67	156.03	0.00	40,814.69	19.88	284.09	529,756	7,896.56		
측정 평균값	3.24	0.30	3.71	0.00	971.78	0.47	6.76	12,613.23	188.01		
2024/07/08 00:00					889.61	0.66		8,670.96	185.41		
2024/07/08 00:30	9.82	0.44	2.25	0.00	935.59	0.47	7.06	12,211.80	185.28		
2024/07/08 01:00	5.13	0.47	2.76	0.00	936.22	0.48	7.21	12,371.40	186.45		
2024/07/08 01:30	3.88	0.42	3.32	0.00	1,008.01	0.45	6.06	13,669.80	187.34		
2024/07/08 02:00	5.18	0.37	5.60	0.00	1,028.06	0.44	5.57	14,298.00	188.45		
2024/07/08 02:30	4.03	0.38	4.45	0.00	1,010.63	0.45	5.90	13,565.30	189.58		
2024/07/08 03:00	10.88	0.40	4.83	0.00	1,002.03	0.46	6.22	13,102.70	189.04		
2024/07/08 03:30	0.75	0.40	5.62	0.00	988.31	0.48	6.69	12,553.50	188.36		
2024/07/08 04:00					927.25	0.63		9,692.01	187.68		
2024/07/08 04:30	1.66	0.27	6.17	0.00	1,002.23	0.45	6.01	13,383.10	187.37		
2024/07/08 05:00	0.94	0.28	4.32	0.00	971.71	0.48	7.05	12,075.50	187.64		
2024/07/08 05:30	1.43	0.28	6.25	0.00	990.69	0.47	6.42	12,908.90	187.69		
2024/07/08 06:00	1.26	0.33	4.05	0.00	944.95	0.50	7.45	11,761.70	187.43		
2024/07/08 06:30	4.96	0.28	3.57	0.00	967.53	0.47	6.86	12,195.50	187.04		
2024/07/08 07:00	1.95	0.29	3.36	0.00	949.42	0.49	7.32	11,465.80	186.35		
2024/07/08 07:30	1.71	0.30	3.64	0.00	978.61	0.46	6.61	12,455.60	186.62		
2024/07/08 08:00					970.83	0.60		10,421.00	187.30		
2024/07/08 08:30	3.78	0.29	2.93	0.00	975.17	0.47	6.52	13,092.80	187.69		
2024/07/08 09:00	7.39	0.29	1.60	0.00	930.87	0.49	7.31	11,784.80	186.80		
2024/07/08 09:30	8.93	0.21	2.77	0.00	1,014.58	0.44	6.01	12,785.90	186.78		
2024/07/08 10:00	1.44	0.27	2.01	0.00	944.89	0.51	7.50	11,858.40	187.48		
2024/07/08 10:30	1.08	0.30	2.00	0.00	966.09	0.48	7.24	11,866.00	186.99		
2024/07/08 11:00	1.41	0.31	2.02	0.00	967.46	0.48	7.22	12,048.20	187.10		
2024/07/08 11:30	3.83	0.32	1.94	0.00	939.01	0.49	7.52	11,930.70	187.61		
2024/07/08 12:00					970.23	0.61		10,592.70	187.89		
2024/07/08 12:30	2.58	0.32	2.66	0.00	966.41	0.47	6.63	12,938.90	188.38		
2024/07/08 13:00	1.73	0.31	2.54	0.00	952.21	0.48	7.01	12,418.90	188.31		
2024/07/08 13:30	6.39	0.31	2.42	0.00	964.89	0.47	6.63	13,178.60	188.30		
2024/07/08 14:00	1.68	0.33	1.68	0.00	920.06	0.51	7.66	12,009.80	188.46		
2024/07/08 14:30	1.59	0.31	2.71	0.00	939.07	0.50	7.59	11,672.40	187.95		
2024/07/08 15:00	0.91	0.30	2.86	0.00	964.45	0.48	7.29	11,754.40	187.20		
2024/07/08 15:30	1.20	0.33	3.30	0.00	956.10	0.50	7.81	11,102.20	187.28		
2024/07/08 16:00					1,002.03	0.61		10,138.10	187.41		
2024/07/08 16:30	0.94	0.28	5.92	0.00	985.93	0.47	6.54	13,001.20	188.18		
2024/07/08 17:00	1.12	0.30	5.21	0.00	982.62	0.47	6.64	12,985.90	188.79		
2024/07/08 17:30	3.33	0.30	4.01	0.00	985.16	0.47	6.50	12,952.70	188.60		
2024/07/08 18:00	1.10	0.30	5.48	0.00	982.55	0.47	6.84	12,583.40	188.58		
2024/07/08 18:30	1.48	0.29	5.29	0.00	991.09	0.46	6.33	13,264.90	188.79		
2024/07/08 19:00	3.96	0.32	3.94	0.00	980.23	0.46	6.42	13,107.90	188.26		
2024/07/08 19:30	4.25	0.32	4.88	0.00	997.59	0.45	5.95	13,674.70	188.53		
2024/07/08 20:00					971.29	0.62		10,519.30	189.50		
2024/07/08 20:30	2.99	0.22	3.59	0.00	956.41	0.48	6.97	12,593.90	189.31		
2024/07/08 21:00	7.47	0.19	5.45	0.00	1,016.13	0.45	5.81	13,688.10	189.24		
2024/07/08 21:30	1.40	0.22	5.07	0.00	961.91	0.49	7.00	12,531.40	189.73		
2024/07/08 22:00	1.63	0.21	4.34	0.00	965.03	0.48	6.80	12,698.70	189.36		
2024/07/08 22:30	2.89	0.21	3.89	0.00	968.03	0.47	6.57	12,850.20	189.39		
2024/07/08 23:00	4.26	0.21	2.72	0.00	972.39	0.47	6.56	12,841.80	189.52		
2024/07/08 23:30	1.65	0.19	2.61	0.00	954.37	0.47	6.79	12,520.30	189.31		

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

측정자료이력(stack #1)

결재	담 당	조 장	팀 장	소 장
	김재숙	김성호	최시내	

- 측정소명 : 경산시 자원회수시설 stack #1 (30분 자료 - 보정후 값)
- 조회기간 : 2024/07/09 00:00 ~ 2024/07/09 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	1.05	0.14	1.76	0.00	853.95	0.45	5.76	9,105.36	185.76
측정 최대값	23.88	0.55	5.36	0.00	1,024.03	0.67	10.55	13,661.60	189.08
측정 누적값	191.64	14.17	122.55	0.00	39,900.74	21.50	313.30	494,083	7,875.87
측정 평균값	4.56	0.34	2.92	0.00	950.02	0.51	7.46	11,763.88	187.52
2024/07/09 00:00					975.03	0.61		10,337.60	189.23
2024/07/09 00:30	2.04	0.53	2.61	0.00	914.79	0.52	7.85	11,310.90	189.08
2024/07/09 01:00	2.01	0.55	2.75	0.00	925.90	0.51	7.83	11,050.40	187.81
2024/07/09 01:30	3.08	0.49	2.49	0.00	967.30	0.47	6.90	11,937.40	186.77
2024/07/09 02:00	23.88	0.43	2.80	0.00	994.36	0.45	6.10	13,201.80	188.17
2024/07/09 02:30	1.07	0.49	3.84	0.00	976.17	0.47	6.57	12,902.70	189.00
2024/07/09 03:00	4.16	0.46	2.88	0.00	975.49	0.47	6.44	13,086.70	188.58
2024/07/09 03:30	4.24	0.45	2.01	0.00	964.13	0.49	6.88	12,330.80	188.62
2024/07/09 04:00					967.42	0.63		9,726.36	188.01
2024/07/09 04:30	1.88	0.15	2.22	0.00	918.39	0.55	8.50	10,455.70	187.05
2024/07/09 05:00	1.96	0.19	3.03	0.00	933.38	0.53	8.08	10,873.10	186.81
2024/07/09 05:30	1.08	0.17	3.43	0.00	974.47	0.50	7.16	11,958.30	187.17
2024/07/09 06:00	1.85	0.16	3.05	0.00	976.38	0.49	7.03	12,212.40	187.75
2024/07/09 06:30	6.67	0.14	3.34	0.00	991.35	0.49	6.63	13,199.50	188.41
2024/07/09 07:00	1.67	0.20	3.02	0.00	939.69	0.53	7.82	11,684.50	188.48
2024/07/09 07:30	1.05	0.18	3.48	0.00	982.42	0.49	6.92	12,647.40	188.22
2024/07/09 08:00					996.80	0.63		10,771.40	188.63
2024/07/09 08:30	1.34	0.35	3.50	0.00	975.09	0.51	7.19	12,259.90	188.74
2024/07/09 09:00	2.00	0.39	3.07	0.00	916.00	0.55	8.49	10,947.90	187.70
2024/07/09 09:30	3.85	0.41	4.80	0.00	857.93	0.61	9.59	9,290.55	186.66
2024/07/09 10:00	3.23	0.37	3.50	0.00	925.85	0.52	7.85	11,287.30	186.33
2024/07/09 10:30	14.74	0.34	2.28	0.00	984.62	0.48	6.74	12,612.00	187.30
2024/07/09 11:00	3.37	0.39	1.94	0.00	934.04	0.53	7.94	11,074.50	187.48
2024/07/09 11:30	2.13	0.38	2.70	0.00	904.05	0.54	8.39	10,789.80	186.27
2024/07/09 12:00					942.97	0.61		10,447.40	185.98
2024/07/09 12:30	1.99	0.33	2.64	0.00	933.36	0.52	8.02	11,406.10	187.46
2024/07/09 13:00	2.90	0.34	1.81	0.00	927.45	0.51	7.78	11,753.80	187.44
2024/07/09 13:30	4.24	0.34	1.76	0.00	926.08	0.50	7.64	11,994.10	187.06
2024/07/09 14:00	7.13	0.30	1.88	0.00	1,006.21	0.46	6.04	13,594.20	188.03
2024/07/09 14:30	5.22	0.29	1.92	0.00	1,002.27	0.46	6.27	13,341.70	188.84
2024/07/09 15:00	4.37	0.33	2.64	0.00	949.17	0.55	8.18	11,644.60	188.66
2024/07/09 15:30	3.75	0.40	4.25	0.00	853.95	0.67	10.55	9,105.36	187.99
2024/07/09 16:00					968.29	0.61		10,318.00	186.41
2024/07/09 16:30	2.48	0.26	4.07	0.00	1,021.02	0.46	5.96	13,015.60	187.15
2024/07/09 17:00	5.07	0.25	5.36	0.00	1,024.03	0.47	5.76	13,661.60	188.88
2024/07/09 17:30	1.63	0.29	4.73	0.00	960.89	0.51	7.29	11,852.00	188.68
2024/07/09 18:00	2.83	0.34	2.99	0.00	894.21	0.58	9.00	9,709.03	186.76
2024/07/09 18:30	1.82	0.30	3.48	0.00	978.39	0.48	6.80	11,823.40	186.03
2024/07/09 19:00	2.19	0.34	2.27	0.00	929.43	0.53	7.98	10,630.10	186.69
2024/07/09 19:30	6.04	0.29	2.45	0.00	969.42	0.48	6.69	12,052.40	186.42
2024/07/09 20:00					932.35	0.63		9,458.43	186.23
2024/07/09 20:30	3.99	0.37	2.23	0.00	933.03	0.51	7.65	11,104.10	185.88
2024/07/09 21:00	10.30	0.35	2.32	0.00	945.33	0.51	7.41	11,556.50	185.76
2024/07/09 21:30	8.63	0.37	2.37	0.00	945.67	0.50	7.38	11,240.30	186.14
2024/07/09 22:00	3.79	0.39	1.83	0.00	880.45	0.55	8.29	9,992.02	185.88
2024/07/09 22:30	12.19	0.35	2.69	0.00	969.66	0.49	6.62	13,138.50	186.57
2024/07/09 23:00	11.82	0.33	2.91	0.00	994.59	0.49	6.58	13,235.50	188.78
2024/07/09 23:30	1.96	0.39	3.21	0.00	924.33	0.57	8.51	11,118.40	188.37

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

측정자료이력(stack #1)

결재	담 당	조 장	팀 장	소 장
	김재욱	정성철	최시원	

- 측정소명 : 경산시 자원회수시설 stack #1 (30분 자료 - 보정후 값)
- 조회기간 : 2024/07/10 00:00 ~ 2024/07/10 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	0.59	0.24	1.67	0.00	846.25	0.46	6.28	9,202.11	183.76
측정 최대값	15.07	0.47	5.16	0.00	1,017.01	0.61	9.48	13,421.00	190.12
측정 누적값	147.60	13.73	108.89	0.00	39,172.50	22.29	327.94	484,367	7,874.25
측정 평균값	3.51	0.33	2.59	0.00	932.68	0.53	7.81	11,532.55	187.48
2024/07/10 00:00					868.10	0.68		9,403.59	186.80
2024/07/10 00:30	4.82	0.27	2.31	0.00	941.11	0.51	7.33	12,253.00	186.97
2024/07/10 01:00	2.26	0.27	2.71	0.00	901.68	0.56	8.35	11,178.10	187.83
2024/07/10 01:30	11.89	0.25	2.51	0.00	947.81	0.51	7.29	12,242.90	187.18
2024/07/10 02:00	2.12	0.29	3.16	0.00	935.25	0.52	7.87	11,683.10	187.05
2024/07/10 02:30	1.87	0.26	2.53	0.00	977.42	0.51	7.19	12,390.20	187.86
2024/07/10 03:00	1.78	0.25	2.24	0.00	932.79	0.55	8.29	11,304.20	187.77
2024/07/10 03:30	1.75	0.27	2.83	0.00	948.27	0.52	7.77	11,793.30	187.58
2024/07/10 04:00					967.26	0.65		10,003.90	188.24
2024/07/10 04:30	1.99	0.32	2.43	0.00	929.25	0.55	8.25	11,287.60	188.18
2024/07/10 05:00	2.61	0.30	2.45	0.00	977.58	0.49	6.84	12,974.40	188.26
2024/07/10 05:30	2.00	0.34	2.36	0.00	900.44	0.57	8.62	10,986.10	188.75
2024/07/10 06:00	2.02	0.28	2.42	0.00	979.13	0.50	6.98	12,322.70	187.90
2024/07/10 06:30	1.24	0.30	1.89	0.00	952.90	0.52	7.76	11,258.60	187.34
2024/07/10 07:00	1.28	0.31	2.37	0.00	947.91	0.52	7.80	11,530.20	187.59
2024/07/10 07:30	1.68	0.32	2.25	0.00	926.82	0.55	8.31	10,842.20	187.30
2024/07/10 08:00					957.58	0.63		9,984.45	186.82
2024/07/10 08:30	1.96	0.42	2.73	0.00	912.98	0.58	8.95	10,213.80	186.60
2024/07/10 09:00	3.54	0.40	3.17	0.00	965.01	0.52	7.48	11,973.80	186.44
2024/07/10 09:30	2.55	0.35	2.75	0.00	1,001.65	0.48	6.52	12,678.70	187.24
2024/07/10 10:00	1.06	0.40	3.27	0.00	983.27	0.50	7.30	11,923.90	188.06
2024/07/10 10:30	0.59	0.37	5.16	0.00	1,017.01	0.47	6.28	13,068.90	188.09
2024/07/10 11:00	0.76	0.38	2.99	0.00	979.79	0.51	7.34	11,880.70	188.24
2024/07/10 11:30	2.36	0.44	2.61	0.00	892.90	0.61	9.43	9,724.24	187.44
2024/07/10 12:00					865.67	0.69		8,943.40	186.53
2024/07/10 12:30	2.75	0.28	2.94	0.00	889.21	0.57	8.67	10,652.70	187.38
2024/07/10 13:00	4.09	0.25	2.80	0.00	876.75	0.58	8.79	10,681.40	188.30
2024/07/10 13:30	3.84	0.25	2.61	0.00	864.58	0.57	8.93	10,833.50	187.55
2024/07/10 14:00	1.97	0.24	2.33	0.00	935.87	0.52	7.38	12,479.60	188.74
2024/07/10 14:30	2.16	0.31	2.58	0.00	914.61	0.54	8.00	11,815.70	190.12
2024/07/10 15:00	1.69	0.27	2.48	0.00	941.07	0.51	7.36	12,453.40	188.89
2024/07/10 15:30	2.30	0.33	2.67	0.00	913.45	0.55	8.23	11,467.60	188.61
2024/07/10 16:00					928.43	0.64		10,174.70	188.68
2024/07/10 16:30	1.42	0.40	2.17	0.00	941.02	0.51	7.52	12,251.90	188.46
2024/07/10 17:00	2.80	0.38	2.39	0.00	989.44	0.47	6.55	12,818.30	188.61
2024/07/10 17:30	1.82	0.39	2.27	0.00	963.61	0.50	7.23	12,043.00	188.46
2024/07/10 18:00	1.24	0.42	2.46	0.00	948.85	0.52	7.63	11,550.00	187.84
2024/07/10 18:30	3.14	0.47	3.16	0.00	859.54	0.61	9.48	9,443.95	187.15
2024/07/10 19:00	3.85	0.42	2.81	0.00	855.98	0.58	9.11	9,656.85	185.57
2024/07/10 19:30	7.71	0.34	1.75	0.00	920.95	0.50	7.17	11,384.70	185.22
2024/07/10 20:00					861.38	0.67		8,740.46	186.07
2024/07/10 20:30	6.37	0.33	2.65	0.00	901.78	0.53	7.94	10,969.00	185.71
2024/07/10 21:00	12.49	0.31	1.67	0.00	915.81	0.53	7.76	11,029.10	185.89
2024/07/10 21:30	3.99	0.35	2.35	0.00	846.25	0.60	9.37	9,202.11	186.39
2024/07/10 22:00	4.22	0.32	2.10	0.00	857.61	0.56	8.64	9,681.30	183.83
2024/07/10 22:30	15.07	0.26	3.06	0.00	971.77	0.46	6.31	13,421.00	183.76
2024/07/10 23:00	4.36	0.33	2.49	0.00	930.31	0.54	7.59	11,908.30	188.83
2024/07/10 23:30	8.19	0.29	2.01	0.00	983.07	0.49	6.33	13,113.20	189.27

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

측정자료이력(stack #1)

결재	담 당	조 장	팀 장	소 장
	천하수	이수현	최시내	

- 측정소명 : 경산시 자원회수시설 stack #1 (30분 자료 - 보정후 값)
- 조회기간 : 2024/07/11 00:00 ~ 2024/07/11 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	0.51	0.14	1.41	0.00	908.68	0.46	5.88	10,193.30	186.29		
측정 최대값	18.09	0.48	7.03	0.00	1,023.76	0.59	8.63	13,520.50	189.55		
측정 누적값	146.16	13.72	142.38	0.00	40,948.69	21.30	298.03	506,165	7,894.15		
측정 평균값	3.48	0.33	3.39	0.00	974.97	0.51	7.10	12,051.55	187.96		
2024/07/11 00:00	[redacted]	[redacted]	[redacted]	[redacted]	976.83	0.67	[redacted]	9,721.85	188.86		
2024/07/11 00:30	2.06	0.41	2.04	0.00	908.68	0.59	8.63	10,721.70	188.34		
2024/07/11 01:00	18.09	0.36	1.68	0.00	957.39	0.52	7.17	12,135.30	187.54		
2024/07/11 01:30	8.87	0.37	1.49	0.00	932.87	0.55	8.03	11,189.20	187.43		
2024/07/11 02:00	4.88	0.37	1.56	0.00	951.55	0.53	7.55	11,734.20	187.24		
2024/07/11 02:30	2.99	0.35	1.68	0.00	962.53	0.52	7.38	11,950.50	187.51		
2024/07/11 03:00	7.00	0.34	1.71	0.00	970.96	0.52	7.31	11,821.70	187.55		
2024/07/11 03:30	4.69	0.39	1.41	0.00	925.17	0.55	8.17	10,960.30	187.00		
2024/07/11 04:00	[redacted]	[redacted]	[redacted]	[redacted]	992.98	0.63	[redacted]	10,368.30	186.38		
2024/07/11 04:30	1.25	0.40	2.02	0.00	957.07	0.54	7.69	11,318.40	187.44		
2024/07/11 05:00	4.62	0.36	3.22	0.00	1,012.86	0.49	6.52	12,837.00	187.78		
2024/07/11 05:30	0.66	0.36	2.55	0.00	978.49	0.53	7.48	11,894.90	188.03		
2024/07/11 06:00	0.76	0.36	2.76	0.00	984.17	0.52	7.44	11,986.80	188.19		
2024/07/11 06:30	1.55	0.37	2.27	0.00	921.54	0.57	8.62	10,390.00	187.59		
2024/07/11 07:00	2.33	0.39	1.88	0.00	935.75	0.54	7.98	10,877.00	186.34		
2024/07/11 07:30	11.50	0.30	1.72	0.00	984.97	0.50	6.93	12,198.50	186.29		
2024/07/11 08:00	[redacted]	[redacted]	[redacted]	[redacted]	970.43	0.65	[redacted]	10,250.80	187.67		
2024/07/11 08:30	9.54	0.34	2.26	0.00	977.99	0.51	7.14	12,462.50	187.43		
2024/07/11 09:00	1.48	0.39	2.94	0.00	992.96	0.49	6.58	13,344.20	188.53		
2024/07/11 09:30	1.98	0.39	2.27	0.00	978.22	0.50	6.70	13,038.70	189.43		
2024/07/11 10:00	5.23	0.36	2.51	0.00	993.36	0.48	6.36	13,168.80	188.43		
2024/07/11 10:30	0.87	0.39	2.59	0.00	963.11	0.51	7.41	12,027.50	188.40		
2024/07/11 11:00	0.51	0.34	5.69	0.00	996.31	0.49	6.64	12,760.10	188.97		
2024/07/11 11:30	1.10	0.41	3.68	0.00	944.45	0.54	7.89	11,542.00	188.73		
2024/07/11 12:00	[redacted]	[redacted]	[redacted]	[redacted]	975.80	0.63	[redacted]	10,222.30	187.96		
2024/07/11 12:30	0.99	0.19	4.34	0.00	971.56	0.52	7.29	12,234.50	188.28		
2024/07/11 13:00	0.92	0.19	4.14	0.00	975.23	0.50	7.00	12,568.50	188.73		
2024/07/11 13:30	0.85	0.19	4.01	0.00	971.95	0.51	7.15	12,136.10	188.24		
2024/07/11 14:00	1.77	0.14	5.30	0.00	1,011.19	0.47	6.41	12,855.40	188.32		
2024/07/11 14:30	0.79	0.15	4.71	0.00	1,014.70	0.47	6.41	12,965.20	188.82		
2024/07/11 15:00	1.36	0.16	7.03	0.00	1,023.76	0.46	6.05	13,520.50	189.45		
2024/07/11 15:30	1.37	0.15	5.45	0.00	994.57	0.48	6.60	12,874.70	189.55		
2024/07/11 16:00	[redacted]	[redacted]	[redacted]	[redacted]	947.67	0.63	[redacted]	9,983.61	189.09		
2024/07/11 16:30	1.96	0.42	4.27	0.00	960.06	0.50	7.06	12,338.40	189.07		
2024/07/11 17:00	1.74	0.48	2.39	0.00	931.82	0.53	8.12	10,193.30	187.83		
2024/07/11 17:30	1.06	0.44	3.47	0.00	979.01	0.49	7.20	11,602.20	186.89		
2024/07/11 18:00	1.68	0.43	3.27	0.00	996.25	0.48	6.82	11,648.40	187.23		
2024/07/11 18:30	0.97	0.39	4.49	0.00	998.31	0.49	6.71	11,611.40	187.63		
2024/07/11 19:00	1.27	0.39	5.07	0.00	1,000.57	0.47	6.28	12,375.30	187.73		
2024/07/11 19:30	3.58	0.40	3.29	0.00	986.77	0.49	6.55	12,414.10	188.49		
2024/07/11 20:00	[redacted]	[redacted]	[redacted]	[redacted]	1,003.57	0.60	[redacted]	10,866.00	188.42		
2024/07/11 20:30	4.42	0.23	4.95	0.00	1,015.65	0.47	5.88	12,831.80	187.91		
2024/07/11 21:00	7.01	0.29	3.14	0.00	967.52	0.51	7.16	11,601.20	188.09		
2024/07/11 21:30	11.44	0.24	3.79	0.00	998.38	0.47	6.11	12,656.30	188.00		
2024/07/11 22:00	1.48	0.28	5.26	0.00	980.23	0.49	6.80	11,982.90	187.81		
2024/07/11 22:30	3.07	0.30	4.40	0.00	948.60	0.53	7.45	11,354.90	187.57		
2024/07/11 23:00	2.41	0.25	5.15	0.00	1,001.89	0.49	6.68	11,816.00	187.04		
2024/07/11 23:30	4.06	0.26	4.53	0.00	990.27	0.49	6.68	12,224.60	187.28		

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