측정자료이력(stack #1)

결재	담 당	조 장	팀 장	소 장
	김재수	장성일	최시영	

- 측정소명 : 경산시 자원회수시설 stack #1 (30분 자료 - 보정후 값)
- 조회기간 : 2024/09/12 00:00 ~ 2024/09/12 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	0.62	0.08	2.47	0.00	881.69	0.14	6.27	9,722.34	186.04
측정 최대값	8.47	0.74	10.59	0.00	1,038.29	0.48	9.18	12,738.40	189.01
측정 누적값	111.08	12.12	246.33	0.00	40,078.90	12.65	330.28	473,409	7,888.44
측정 평균값	2.64	0.29	5.87	0.00	954.26	0.30	7.86	11,271.64	187.82
2024/09/12 00:00					1,005.37	0.17		10,687.90	188.74
2024/09/12 00:30	1.21	0.16	5.06	0.00	959.81	0.14	7.89	11,605.30	189.01
2024/09/12 01:00	1.37	0.13	5.41	0.00	949.94	0.14	8.10	11,476.60	188.66
2024/09/12 01:30	1.33	0.14	5.94	0.00	944.55	0.15	8.28	11,163.20	188.16
2024/09/12 02:00	0.98	0.15	9.68	0.00	985.63	0.14	7.41	12,226.10	188.31
2024/09/12 02:30	1.18	0.18	6.53	0.00	956.45	0.14	8.01	11,468.00	188.42
2024/09/12 03:00	1.27	0.11	4.84	0.00	945.01	0.15	8.40	10,935.40	187.78
2024/09/12 03:30	0.79	0.15	9.31	0.00	997.93	0.14	7.36	12,203.20	187.88
2024/09/12 04:00					985.57	0.17		9,900.27	188.85
2024/09/12 04:30	1.44	0.13	10.41	0.00	948.88	0.15	8.52	10,999.60	188.91
2024/09/12 05:00	1.31	0.22	10.59	0.00	951.29	0.27	8.21	11,360.20	188.47
2024/09/12 05:30	1.08	0.15	10.21	0.00	975.93	0.31	7.90	11,460.70	188.26
2024/09/12 06:00	1.82	0.14	6.08	0.00	924.05	0.29	8.66	10,564.00	187.65
2024/09/12 06:30	4.20	0.14	5.75	0.00	953.59	0.23	7.84	11,429.30	187.25
2024/09/12 07:00	6.29	0.14	9.01	0.00	1,038.29	0.29	6.27	12,738.40	187.79
2024/09/12 07:30	6.08	0.13	8.36	0.00	1,027.07	0.26	6.49	12,375.20	188.31
2024/09/12 08:00					902.48	0.34		7,935.02	187.25
2024/09/12 08:30	1.75	0.47	6.12	0.00	904.48	0.39	9.05	10,150.90	186.04
2024/09/12 09:00	1.10	0.46	8.59	0.00	959.00	0.42	7.65	11,898.10	187.25
2024/09/12 09:30	5.42	0.44	5.62	0.00	976.09	0.42	7.15	12,056.30	188.38
2024/09/12 10:00	5.93	0.36	4.73	0.00	977.08	0.42	7.00	12,455.30	188.93
2024/09/12 10:30	1.74	0.35	5.34	0.00	903.14	0.48	8.74	10,443.30	188.40
2024/09/12 11:00	0.85	0.30	6.62	0.00	973.02	0.43	7.55	11,625.60	187.99
2024/09/12 11:30	1.10	0.19	5.34	0.00	966.87	0.43	7.71	11,564.50	188.02
2024/09/12 12:00					977.27	0.54		9,631.76	188.16
2024/09/12 12:30	1.20	0.41	5.69	0.00	958.88	0.45	8.13	11,000.70	188.12
2024/09/12 13:00	0.86	0.39	9.18	0.00	1,000.58	0.42	7.16	12,154.30	188.38
2024/09/12 13:30	1.39	0.44	5.20	0.00	937.33	0.47	8.66	10,229.40	188.12
2024/09/12 14:00	1.29	0.40	7.37	0.00	988.47	0.42	7.32	11,099.40	187.26
2024/09/12 14:30	0.62	0.35	7.59	0.00	995.09	0.41	7.15	11,369.30	187.17
2024/09/12 15:00	1.37	0.36	4.98	0.00	934.11	0.44	8.20	10,368.60	187.56
2024/09/12 15:30	1.93	0.43	5.50	0.00	895.65	0.48	8.94	9,722.34	186.80
2024/09/12 16:00					935.82	0.52		9,237.09	186.21
2024/09/12 16:30	1.43	0.41	5.06	0.00	930.82	0.44	7.89	10,822.70	187.04
2024/09/12 17:00	3.40	0.41	4.51	0.00	965.21	0.42	7.43	11,182.10	187.19
2024/09/12 17:30	3.54	0.48	4.67	0.00	921.34	0.45	8.30	10,549.80	187.12
2024/09/12 18:00	6.51	0.49	2.60	0.00	971.32	0.41	7.09	12,000.40	187.29
2024/09/12 18:30	1.74	0.58	3.52	0.00	938.18	0.29	7.71	11,811.30	187.86
2024/09/12 19:00	6.13	0.67	3.78	0.00	960.93	0.19	7.25	12,044.00	188.67
2024/09/12 19:30	1.72	0.74	4.48	0.00	938.91	0.25	7.97	11,105.90	188.69
2024/09/12 20:00					890.85	0.34		8,523.01	187.81
2024/09/12 20:30	4.45	0.16	3.80	0.00	938.79	0.25	7.79	11,224.00	187.16
2024/09/12 21:00	6.31	0.08	3.96	0.00	969.99	0.20	7.58	11,432.70	187.49
2024/09/12 21:30	4.32	0.09	2.94	0.00	947.87	0.18	7.71	11,079.20	187.77
2024/09/12 22:00	8.47	0.12	2.47	0.00	964.94	0.18	7.50	11,307.00	187.65
2024/09/12 22:30	1.49	0.17	2.77	0.00	909.13	0.18	8.70	10,115.90	187.28
2024/09/12 23:00	2.57	0.16	3.55	0.00	881.69	0.17	9.18	9,929.53	186.94
2024/09/12 23:30	2.10	0.14	3.17	0.00	911.57	0.16	8.43	10,660.90	187.01

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

측정자료이력(stack #1)

결재	담 당	조 장	팀 장	소 장
	전학수	이수현	최시영	

- 측정소명 : 경산시 자원회수시설 stack #1 (30분 자료 - 보정후 값)
- 조회기간 : 2024/09/13 00:00 ~ 2024/09/13 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	0.03	1.96	0.00	915.75	0.14	6.20	10,308.10	186.78
측정 최대값	18.18	0.51	8.54	0.00	1,039.94	0.45	8.88	13,482.30	191.85
측정 누적값	86.30	5.61	158.92	0.00	31,320.69	6.97	238.19	372,517	6,023.86
측정 평균값	2.70	0.18	4.97	0.00	978.77	0.22	7.44	11,641.17	188.25
2024/09/13 00:00	[redacted]	[redacted]	[redacted]	[redacted]	1,025.59	0.18	[redacted]	10,467.80	187.57
2024/09/13 00:30	10.28	0.14	3.35	0.00	1,023.65	0.14	6.20	12,257.20	188.13
2024/09/13 01:00	6.34	0.15	1.96	0.00	989.88	0.14	6.67	11,972.30	188.62
2024/09/13 01:30	3.19	0.11	2.15	0.00	1,008.45	0.15	6.35	12,152.10	188.56
2024/09/13 02:00	1.95	0.13	1.98	0.00	992.01	0.16	6.82	11,973.80	188.71
2024/09/13 02:30	0.92	0.16	2.98	0.00	978.45	0.16	7.76	10,984.30	188.56
2024/09/13 03:00	1.02	0.15	3.06	0.00	976.47	0.16	7.68	11,200.30	188.45
2024/09/13 03:30	1.22	0.21	4.26	0.00	967.30	0.15	7.66	11,295.70	188.52
2024/09/13 04:00	[redacted]	[redacted]	[redacted]	[redacted]	960.66	0.19	[redacted]	9,206.57	188.26
2024/09/13 04:30	0.87	0.23	4.26	0.00	962.56	0.16	7.95	11,313.30	188.27
2024/09/13 05:00	1.48	0.20	5.24	0.00	991.19	0.15	7.29	12,288.80	189.19
2024/09/13 05:30	2.48	0.18	6.17	0.00	1,039.94	0.14	6.25	13,482.30	190.89
2024/09/13 06:00	0.95	0.22	5.01	0.00	997.19	0.15	7.11	11,823.90	191.85
2024/09/13 06:30	1.06	0.24	3.85	0.00	954.73	0.16	8.02	10,940.20	191.04
2024/09/13 07:00	0.72	0.19	4.17	0.00	987.03	0.15	7.49	11,222.30	189.42
2024/09/13 07:30	1.08	0.13	5.03	0.00	996.63	0.14	7.10	11,959.20	188.96
2024/09/13 08:00	[redacted]	[redacted]	[redacted]	[redacted]	993.83	0.17	[redacted]	9,988.09	189.05
2024/09/13 08:30	7.23	0.51	3.24	0.00	978.63	0.15	7.28	11,943.30	189.19
2024/09/13 09:00	[redacted]	[redacted]	[redacted]	[redacted]	1,005.17	0.21	[redacted]	9,170.29	189.56
2024/09/13 09:30	[redacted]	[redacted]	[redacted]	[redacted]	971.16	0.30	[redacted]	7,833.81	190.02
2024/09/13 10:00	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
2024/09/13 10:30	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
2024/09/13 11:00	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
2024/09/13 11:30	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
2024/09/13 12:00	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
2024/09/13 12:30	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
2024/09/13 13:00	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
2024/09/13 13:30	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
2024/09/13 14:00	[redacted]	[redacted]	[redacted]	[redacted]	965.91	0.54	[redacted]	9,042.53	187.20
2024/09/13 14:30	2.72	0.22	3.80	0.00	967.33	0.42	7.68	11,043.80	187.31
2024/09/13 15:00	18.18	0.21	5.39	0.00	1,039.28	0.38	6.35	12,633.90	187.28
2024/09/13 15:30	1.56	0.26	7.12	0.00	1,038.26	0.39	6.75	11,827.00	187.32
2024/09/13 16:00	[redacted]	[redacted]	[redacted]	[redacted]	952.75	0.52	[redacted]	9,739.37	187.85
2024/09/13 16:30	1.43	0.11	3.71	0.00	938.99	0.45	8.37	10,796.50	187.42
2024/09/13 17:00	0.90	0.13	4.78	0.00	955.61	0.44	8.17	10,692.30	186.78
2024/09/13 17:30	1.68	0.14	4.65	0.00	962.55	0.43	7.62	11,725.80	186.93
2024/09/13 18:00	4.54	0.19	4.43	0.00	969.67	0.42	7.43	12,117.00	187.62
2024/09/13 18:30	3.39	0.26	4.31	0.00	970.08	0.36	7.55	12,113.10	188.02
2024/09/13 19:00	1.16	0.34	8.54	0.00	979.00	0.19	7.38	12,041.20	187.56
2024/09/13 19:30	1.55	0.37	6.36	0.00	924.39	0.18	8.42	10,937.00	187.59
2024/09/13 20:00	[redacted]	[redacted]	[redacted]	[redacted]	1,002.80	0.20	[redacted]	9,998.18	187.35
2024/09/13 20:30	1.71	0.07	6.66	0.00	915.75	0.17	8.88	10,308.10	187.14
2024/09/13 21:00	1.22	0.09	6.33	0.00	954.91	0.16	7.96	11,289.90	186.96
2024/09/13 21:30	0.90	0.03	6.12	0.00	973.65	0.15	7.44	11,873.50	187.40
2024/09/13 22:00	1.04	0.05	6.82	0.00	977.47	0.15	7.52	11,752.90	187.64
2024/09/13 22:30	1.42	0.07	7.75	0.00	976.31	0.14	7.48	11,580.60	187.46
2024/09/13 23:00	0.89	0.08	8.46	0.00	986.05	0.14	7.42	11,826.80	187.52
2024/09/13 23:30	1.22	0.04	6.98	0.00	947.28	0.14	8.14	11,148.90	187.55

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

측정자료이력(stack #1)

결재	담 당	조 장	팀 장	소 장
	천학주	이승현		

- 측정소명 : 경산시 자원회수시설 stack #1 (30분 자료 - 보정후 값)
- 조회기간 : 2024/09/14 00:00 ~ 2024/09/14 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	0.30	0.00	4.08	0.00	884.37	0.13	6.85	7,692.03	185.10
측정 최대값	21.65	0.85	19.72	0.02	1,045.16	0.54	10.74	12,051.70	188.56
측정 누적값	117.71	12.02	402.47	0.02	40,910.56	12.50	342.28	442,296	7,839.50
측정 평균값	2.80	0.29	9.58	0.00	974.06	0.30	8.15	10,530.86	186.65
2024/09/14 00:00					941.79	0.18		9,254.80	187.06
2024/09/14 00:30	3.70	0.37	5.63	0.00	955.91	0.14	8.06	11,013.70	186.91
2024/09/14 01:00	1.40	0.33	6.91	0.00	988.31	0.13	7.09	11,164.50	186.23
2024/09/14 01:30	1.08	0.36	6.56	0.00	961.78	0.14	7.73	10,891.70	186.06
2024/09/14 02:00	0.91	0.33	7.28	0.00	982.18	0.17	7.23	11,153.00	186.05
2024/09/14 02:30	0.82	0.34	10.79	0.00	988.33	0.22	7.34	11,147.60	186.18
2024/09/14 03:00	1.42	0.37	10.07	0.00	957.81	0.20	8.38	9,929.58	185.80
2024/09/14 03:30	11.17	0.37	11.41	0.00	1,025.34	0.17	6.86	11,410.60	185.39
2024/09/14 04:00					981.04	0.22		8,879.38	185.74
2024/09/14 04:30	0.60	0.39	15.82	0.00	1,026.57	0.17	7.29	11,851.20	186.98
2024/09/14 05:00	0.93	0.44	14.80	0.00	983.41	0.20	8.18	10,973.60	187.24
2024/09/14 05:30	1.61	0.37	14.30	0.00	983.80	0.20	8.14	11,150.20	187.30
2024/09/14 06:00	0.55	0.40	19.72	0.02	1,022.25	0.17	7.32	11,918.20	187.77
2024/09/14 06:30	0.94	0.38	14.52	0.00	1,009.99	0.16	7.57	11,632.00	188.11
2024/09/14 07:00	21.65	0.35	11.29	0.00	998.15	0.15	7.38	12,044.40	188.42
2024/09/14 07:30	0.98	0.44	13.09	0.00	963.07	0.18	8.01	11,335.00	188.56
2024/09/14 08:00					953.94	0.32		9,367.15	187.78
2024/09/14 08:30	0.99	0.10	10.29	0.00	967.82	0.41	7.75	11,617.80	186.91
2024/09/14 09:00	0.95	0.02	9.10	0.00	967.05	0.42	7.54	11,789.70	187.40
2024/09/14 09:30	0.81	0.00	9.10	0.00	982.80	0.42	7.29	12,051.70	187.78
2024/09/14 10:00	1.51	0.00	6.95	0.00	970.27	0.42	7.51	11,692.20	187.49
2024/09/14 10:30	1.74	0.00	5.04	0.00	962.47	0.42	7.55	11,624.60	187.50
2024/09/14 11:00	5.01	0.00	4.19	0.00	954.67	0.42	7.52	11,508.00	187.06
2024/09/14 11:30	4.54	0.00	4.29	0.00	970.79	0.41	7.42	11,461.80	186.75
2024/09/14 12:00					977.31	0.52		9,845.96	187.20
2024/09/14 12:30	1.59	0.61	4.66	0.00	931.51	0.44	8.33	10,839.50	187.29
2024/09/14 13:00	1.56	0.68	4.36	0.00	924.33	0.45	8.57	10,603.50	186.80
2024/09/14 13:30	2.06	0.74	6.21	0.00	899.79	0.50	9.81	9,354.85	186.37
2024/09/14 14:00	2.63	0.81	7.90	0.00	915.79	0.54	10.74	7,692.03	185.44
2024/09/14 14:30	2.60	0.82	6.67	0.00	884.37	0.49	9.54	8,922.97	185.10
2024/09/14 15:00	1.92	0.84	5.25	0.00	909.79	0.48	9.26	9,347.57	186.21
2024/09/14 15:30	1.16	0.85	4.08	0.00	942.89	0.46	8.73	9,583.51	186.61
2024/09/14 16:00					940.15	0.56		7,954.12	185.67
2024/09/14 16:30	1.19	0.12	4.44	0.00	946.24	0.49	9.52	9,067.66	186.09
2024/09/14 17:00	1.26	0.09	5.11	0.00	945.53	0.48	9.50	8,891.12	186.40
2024/09/14 17:30	1.45	0.13	4.42	0.00	936.26	0.50	9.75	8,512.38	186.00
2024/09/14 18:00	1.31	0.20	4.37	0.00	943.45	0.50	9.71	8,439.60	185.15
2024/09/14 18:30	0.52	0.20	9.90	0.00	1,003.87	0.39	8.45	9,892.08	185.81
2024/09/14 19:00	0.30	0.22	12.32	0.00	1,035.71	0.25	7.65	10,598.00	186.82
2024/09/14 19:30	0.48	0.28	8.42	0.00	1,006.47	0.20	7.38	10,811.10	187.01
2024/09/14 20:00					1,007.97	0.22		8,503.15	186.82
2024/09/14 20:30	1.26	0.00	14.16	0.00	1,045.16	0.14	6.85	11,398.50	187.05
2024/09/14 21:00	0.57	0.00	13.50	0.00	993.02	0.15	8.63	9,272.72	186.68
2024/09/14 21:30	0.61	0.02	16.91	0.00	999.50	0.15	8.55	9,745.53	186.28
2024/09/14 22:00	0.60	0.00	18.03	0.00	1,035.96	0.14	7.63	10,038.80	186.19
2024/09/14 22:30	0.74	0.02	15.01	0.00	1,003.45	0.15	8.11	9,628.48	186.30
2024/09/14 23:00	13.47	0.01	11.26	0.00	984.95	0.14	8.42	9,917.71	185.77
2024/09/14 23:30	17.12	0.02	14.34	0.00	999.75	0.14	7.99	10,377.40	186.24

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

측정자료이력(stack #1)

결재	담 당	조 장	팀 장	소 장
	천경희	이재훈	최시훈	

- 측정소명 : 경산시 자원회수시설 stack #1 (30분 자료 - 보정후 값)
- 조회기간 : 2024/09/15 00:00 ~ 2024/09/15 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	% 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	0.61	0.01	3.43	0.00	904.79	0.18	5.99	9,642.40	185.64
측정 최대값	27.40	0.83	20.96	0.32	1,056.94	0.50	9.18	13,438.50	189.91
측정 누적값	178.25	16.54	348.75	0.41	41,037.91	17.23	323.17	480,654	7,870.76
측정 평균값	4.24	0.39	8.30	0.01	977.09	0.41	7.69	11,444.15	187.40
2024/09/15 00:00	[redacted]	[redacted]	[redacted]	[redacted]	1,058.25	0.55	[redacted]	8,792.88	186.72
2024/09/15 00:30	27.40	0.60	16.22	0.32	1,056.94	0.42	6.97	11,559.70	187.14
2024/09/15 01:00	1.09	0.80	14.02	0.00	972.81	0.49	8.83	10,012.40	187.30
2024/09/15 01:30	1.12	0.76	16.55	0.04	982.97	0.47	8.49	10,565.90	187.36
2024/09/15 02:00	3.37	0.67	20.96	0.00	1,013.69	0.43	7.41	11,912.20	188.01
2024/09/15 02:30	0.75	0.65	20.14	0.00	1,006.94	0.43	7.24	11,841.70	187.88
2024/09/15 03:00	0.61	0.67	19.20	0.00	1,031.72	0.42	7.18	11,653.60	188.16
2024/09/15 03:30	1.24	0.74	14.67	0.00	965.52	0.46	8.14	10,865.50	188.26
2024/09/15 04:00	[redacted]	[redacted]	[redacted]	[redacted]	955.17	0.54	[redacted]	9,673.46	187.17
2024/09/15 04:30	1.47	0.20	10.80	0.00	914.70	0.48	8.81	10,108.90	186.65
2024/09/15 05:00	0.73	0.13	12.59	0.00	963.21	0.44	7.78	11,218.70	186.36
2024/09/15 05:30	1.20	0.19	9.97	0.00	955.31	0.44	7.76	11,302.20	186.35
2024/09/15 06:00	2.74	0.20	6.39	0.00	947.54	0.44	7.77	11,473.80	186.73
2024/09/15 06:30	7.74	0.20	7.43	0.00	979.02	0.42	7.10	12,063.90	186.74
2024/09/15 07:00	3.06	0.18	6.97	0.00	949.29	0.45	7.86	11,231.40	186.71
2024/09/15 07:30	1.46	0.21	5.77	0.00	915.14	0.49	8.83	10,044.00	185.95
2024/09/15 08:00	[redacted]	[redacted]	[redacted]	[redacted]	964.62	0.53	[redacted]	9,602.72	185.62
2024/09/15 08:30	1.24	0.26	7.97	0.00	957.72	0.45	7.83	11,267.90	186.30
2024/09/15 09:00	3.08	0.28	9.33	0.00	998.50	0.42	7.06	12,071.70	187.07
2024/09/15 09:30	2.61	0.23	7.17	0.00	904.79	0.50	9.18	9,642.40	186.43
2024/09/15 10:00	15.14	0.27	7.98	0.00	985.77	0.43	7.40	11,303.70	185.64
2024/09/15 10:30	11.66	0.24	7.49	0.00	997.24	0.42	7.16	12,124.40	186.77
2024/09/15 11:00	1.35	0.19	8.07	0.00	995.57	0.42	7.33	12,029.40	188.00
2024/09/15 11:30	5.90	0.31	6.46	0.00	979.46	0.43	7.71	11,738.60	187.95
2024/09/15 12:00	[redacted]	[redacted]	[redacted]	[redacted]	980.11	0.54	[redacted]	9,552.95	187.73
2024/09/15 12:30	2.21	0.83	6.58	0.05	971.73	0.43	7.76	11,576.70	187.71
2024/09/15 13:00	1.03	0.81	5.58	0.00	958.77	0.44	7.77	11,780.20	187.79
2024/09/15 13:30	4.45	0.79	3.43	0.00	947.41	0.44	7.86	11,623.90	187.95
2024/09/15 14:00	3.94	0.83	5.19	0.00	923.44	0.46	8.64	10,490.60	187.37
2024/09/15 14:30	3.50	0.79	4.94	0.00	952.52	0.45	8.10	10,955.40	186.94
2024/09/15 15:00	4.42	0.77	4.19	0.00	954.75	0.45	7.94	11,115.90	186.81
2024/09/15 15:30	2.37	0.77	4.90	0.00	942.37	0.45	8.21	10,685.30	186.45
2024/09/15 16:00	[redacted]	[redacted]	[redacted]	[redacted]	953.96	0.53	[redacted]	9,426.40	186.37
2024/09/15 16:30	5.04	0.01	4.08	0.00	965.15	0.44	7.80	11,292.00	186.64
2024/09/15 17:00	1.75	0.01	4.18	0.00	945.71	0.44	7.98	11,131.30	186.90
2024/09/15 17:30	1.95	0.01	4.89	0.00	931.31	0.46	8.46	10,428.50	186.65
2024/09/15 18:00	1.98	0.03	5.11	0.00	929.81	0.47	8.77	10,355.50	186.40
2024/09/15 18:30	3.43	0.02	5.31	0.00	993.39	0.43	7.59	11,680.90	186.70
2024/09/15 19:00	5.17	0.01	5.81	0.00	1,003.33	0.41	7.01	12,416.30	187.53
2024/09/15 19:30	2.89	0.02	5.47	0.00	994.74	0.41	7.24	12,586.70	188.73
2024/09/15 20:00	[redacted]	[redacted]	[redacted]	[redacted]	1,015.87	0.46	[redacted]	10,081.40	189.30
2024/09/15 20:30	0.93	0.45	4.29	0.00	978.29	0.30	7.76	11,547.30	188.88
2024/09/15 21:00	2.80	0.43	5.02	0.00	1,014.93	0.22	6.85	12,678.60	188.44
2024/09/15 21:30	20.54	0.40	5.27	0.00	1,055.69	0.26	5.99	13,438.50	189.37
2024/09/15 22:00	5.42	0.39	5.53	0.00	1,034.90	0.30	6.53	12,685.40	189.91
2024/09/15 22:30	2.98	0.42	4.57	0.00	999.92	0.23	7.46	11,615.00	189.30
2024/09/15 23:00	1.26	0.43	9.15	0.00	1,019.39	0.21	7.05	12,097.40	188.29
2024/09/15 23:30	5.23	0.34	9.11	0.00	1,046.51	0.18	6.56	12,440.90	188.24

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