측정자료이력(stack #1)

결재	담 당	조 장	팀 장	소 장
	현경석	이재훈	최시영	

- 측정소명 : 경산시 자원회수시설 stack #1 (30분 자료 - 보정후 값)
- 조회기간 : 2023/12/02 00:00 ~ 2023/12/02 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	0.66	0.18	9.06	0.00	927.23	0.55	6.10	11,851.80	187.35		
측정 최대값	14.33	0.68	20.96	0.06	1,046.72	0.72	8.73	14,662.20	191.30		
측정 누적값	74.14	15.64	672.76	0.13	41,706.14	26.06	307.77	559,416	7,928.77		
측정 평균값	1.77	0.37	16.02	0.00	993.00	0.62	7.33	13,319.44	188.78		
2023/12/02 00:00					1,016.71	0.77		11,945.80	189.55		
2023/12/02 00:30	2.94	0.30	15.58	0.01	1,001.96	0.65	7.40	13,332.50	190.10		
2023/12/02 01:00	1.23	0.31	19.45	0.00	996.80	0.64	7.28	13,327.60	189.50		
2023/12/02 01:30	4.39	0.28	15.13	0.00	990.23	0.66	7.82	12,558.50	187.93		
2023/12/02 02:00	0.75	0.25	20.47	0.00	1,038.15	0.60	6.78	13,717.90	187.90		
2023/12/02 02:30	1.48	0.27	19.88	0.00	1,033.24	0.62	7.08	13,347.30	188.44		
2023/12/02 03:00	2.07	0.34	19.91	0.00	948.61	0.72	8.73	11,851.80	188.86		
2023/12/02 03:30	1.53	0.30	19.97	0.00	975.99	0.64	7.48	13,297.20	188.36		
2023/12/02 04:00					986.06	0.80		10,649.40	187.82		
2023/12/02 04:30	0.87	0.31	19.48	0.00	1,023.13	0.63	7.03	13,433.30	187.64		
2023/12/02 05:00	14.33	0.30	19.33	0.06	1,046.72	0.61	6.70	13,842.90	187.74		
2023/12/02 05:30	3.24	0.29	17.81	0.06	1,026.38	0.64	7.30	13,311.60	188.28		
2023/12/02 06:00	1.15	0.34	18.02	0.00	976.49	0.69	8.24	12,492.40	188.85		
2023/12/02 06:30	1.06	0.32	20.96	0.00	1,014.19	0.63	7.19	13,594.00	188.53		
2023/12/02 07:00	1.32	0.35	17.24	0.00	977.98	0.67	7.82	12,946.70	188.34		
2023/12/02 07:30	1.53	0.38	16.72	0.00	967.64	0.69	8.21	12,549.60	187.84		
2023/12/02 08:00					953.23	0.86		10,134.40	187.57		
2023/12/02 08:30	2.23	0.44	14.79	0.00	934.60	0.70	8.58	12,018.70	187.35		
2023/12/02 09:00	1.47	0.33	15.49	0.00	992.21	0.62	7.16	13,599.40	187.40		
2023/12/02 09:30	2.46	0.27	9.80	0.00	927.23	0.69	8.47	12,186.30	187.77		
2023/12/02 10:00	1.59	0.21	11.29	0.00	967.24	0.62	7.45	13,388.60	187.99		
2023/12/02 10:30	1.64	0.22	9.06	0.00	960.20	0.64	7.80	12,935.40	188.30		
2023/12/02 11:00	1.16	0.18	14.67	0.00	988.89	0.62	7.53	13,161.60	188.56		
2023/12/02 11:30	1.40	0.20	15.32	0.00	995.72	0.62	7.46	13,134.50	187.71		
2023/12/02 12:00					962.25	0.83		9,881.05	187.84		
2023/12/02 12:30	1.59	0.66	12.70	0.00	971.98	0.63	7.65	12,889.80	188.21		
2023/12/02 13:00	1.72	0.65	11.59	0.00	977.04	0.62	7.52	12,990.10	187.68		
2023/12/02 13:30	1.23	0.62	16.13	0.00	987.57	0.60	7.21	13,420.60	188.52		
2023/12/02 14:00	1.67	0.64	15.27	0.00	975.32	0.61	7.14	13,575.50	188.90		
2023/12/02 14:30	1.05	0.62	16.20	0.00	994.03	0.59	7.10	13,553.80	189.01		
2023/12/02 15:00	1.22	0.68	14.13	0.00	977.90	0.60	7.39	13,236.40	189.01		
2023/12/02 15:30	1.86	0.66	15.34	0.00	978.65	0.60	7.37	13,521.90	189.38		
2023/12/02 16:00					970.05	0.78		10,851.60	189.73		
2023/12/02 16:30	1.42	0.38	14.62	0.00	978.43	0.62	7.55	13,078.10	189.36		
2023/12/02 17:00	1.78	0.40	16.11	0.00	957.41	0.62	7.89	12,786.00	188.84		
2023/12/02 17:30	1.35	0.37	12.00	0.00	974.38	0.60	7.38	13,172.10	188.80		
2023/12/02 18:00	0.73	0.34	15.80	0.00	1,022.21	0.57	6.60	13,939.30	188.86		
2023/12/02 18:30	0.72	0.34	14.71	0.00	1,020.04	0.57	6.74	13,703.30	188.81		
2023/12/02 19:00	0.68	0.34	19.21	0.00	1,038.17	0.57	6.53	14,256.20	189.44		
2023/12/02 19:30	1.01	0.38	17.03	0.00	1,015.49	0.60	7.08	13,651.10	189.70		
2023/12/02 20:00					977.95	0.77		10,650.90	189.09		
2023/12/02 20:30	0.89	0.34	12.98	0.00	1,002.93	0.57	6.75	13,843.70	188.72		
2023/12/02 21:00	0.73	0.31	18.42	0.00	1,031.51	0.55	6.10	14,662.20	189.73		
2023/12/02 21:30	0.66	0.32	18.10	0.00	1,029.30	0.57	6.28	14,463.60	190.93		
2023/12/02 22:00	0.94	0.36	14.20	0.00	981.99	0.61	7.33	13,316.30	191.30		
2023/12/02 22:30	1.05	0.37	13.87	0.00	992.84	0.60	7.08	13,487.00	190.63		
2023/12/02 23:00	1.03	0.35	16.15	0.00	993.12	0.60	7.27	13,416.00	189.86		
2023/12/02 23:30	0.97	0.32	17.83	0.00	1,022.23	0.56	6.30	14,425.60	189.69		

[통신불량] [데이터없음] [측정중단(셀)] [알람값 초과] [규제값 초과]

측정자료이력(stack #1)

결재	담 당	조 장	팀 장	소 장
	한경희		최시영	

- 측정소명 : 경산시 자원회수시설 stack #1 (30분 자료 - 보정후 값)
- 조회기간 : 2023/12/03 00:00 ~ 2023/12/03 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	0.00	6.06	0.00	926.41	0.54	5.51	11,511.00	187.37		
측정 최대값	11.46	0.49	20.47	0.00	1,062.07	0.70	8.81	15,292.20	192.54		
측정 누적값	71.07	13.17	559.49	0.00	41,633.59	25.50	300.69	565,569	7,952.42		
측정 평균값	1.69	0.31	13.32	0.00	991.28	0.61	7.16	13,465.93	189.34		
2023/12/03 00:00	[redacted]				993.33	0.78	[redacted]	10,924.00	189.90		
2023/12/03 00:30	1.43	0.28	16.72	0.00	974.74	0.60	7.03	13,878.60	189.96		
2023/12/03 01:00	1.88	0.30	10.53	0.00	936.40	0.63	7.82	12,830.20	189.26		
2023/12/03 01:30	1.16	0.28	14.46	0.00	980.10	0.59	6.96	13,760.00	188.77		
2023/12/03 02:00	1.45	0.30	16.00	0.00	987.38	0.61	7.15	13,634.90	188.95		
2023/12/03 02:30	0.85	0.27	18.80	0.00	1,023.09	0.59	6.65	14,114.10	189.66		
2023/12/03 03:00	1.41	0.31	14.06	0.00	969.69	0.63	7.55	13,206.10	189.64		
2023/12/03 03:30	1.11	0.28	16.59	0.00	990.65	0.59	6.85	13,927.80	189.22		
2023/12/03 04:00	[redacted]				1,024.68	0.74	[redacted]	12,125.50	189.39		
2023/12/03 04:30	2.01	0.48	12.33	0.00	933.58	0.70	8.76	11,786.90	188.99		
2023/12/03 05:00	1.19	0.42	16.73	0.00	992.29	0.59	6.81	14,076.10	188.46		
2023/12/03 05:30	0.99	0.45	14.14	0.00	978.18	0.63	7.54	13,074.30	188.59		
2023/12/03 06:00	1.12	0.44	11.67	0.00	974.24	0.63	7.74	12,660.00	188.25		
2023/12/03 06:30	1.43	0.44	11.31	0.00	977.73	0.63	7.56	12,931.50	187.45		
2023/12/03 07:00	1.62	0.45	11.93	0.00	967.78	0.64	7.77	12,750.80	187.90		
2023/12/03 07:30	2.06	0.49	8.15	0.00	926.41	0.68	8.81	11,511.00	187.37		
2023/12/03 08:00	[redacted]				952.71	0.76	[redacted]	10,935.20	187.01		
2023/12/03 08:30	0.85	0.28	9.89	0.00	1,002.10	0.59	6.90	13,496.90	187.42		
2023/12/03 09:00	1.66	0.30	6.06	0.00	945.32	0.67	8.45	11,864.70	187.37		
2023/12/03 09:30	1.16	0.23	11.40	0.00	1,008.63	0.60	7.08	13,531.00	187.61		
2023/12/03 10:00	1.18	0.22	10.62	0.00	973.37	0.64	7.88	12,950.50	188.71		
2023/12/03 10:30	1.65	0.25	14.18	0.00	956.11	0.63	7.94	12,720.60	188.04		
2023/12/03 11:00	1.37	0.24	9.41	0.00	975.69	0.60	7.46	12,827.80	187.42		
2023/12/03 11:30	1.35	0.24	9.57	0.00	977.90	0.61	7.61	12,945.70	188.10		
2023/12/03 12:00	[redacted]				952.35	0.78	[redacted]	10,489.10	188.17		
2023/12/03 12:30	1.00	0.32	7.03	0.00	990.74	0.60	7.17	13,105.20	187.54		
2023/12/03 13:00	1.19	0.32	8.89	0.00	982.15	0.62	7.68	12,770.60	188.13		
2023/12/03 13:30	1.35	0.10	10.49	0.00	982.49	0.61	7.53	12,942.80	188.56		
2023/12/03 14:00	1.73	0.07	9.96	0.00	958.72	0.64	8.27	12,039.80	189.20		
2023/12/03 14:30	0.81	0.02	12.62	0.00	1,010.07	0.58	6.88	13,747.60	190.02		
2023/12/03 15:00	0.77	0.01	15.66	0.00	1,025.38	0.57	6.56	13,957.00	190.19		
2023/12/03 15:30	0.91	0.00	14.96	0.00	1,008.12	0.58	6.97	13,573.20	190.11		
2023/12/03 16:00	[redacted]				1,003.49	0.76	[redacted]	10,621.30	189.98		
2023/12/03 16:30	0.93	0.43	17.58	0.00	1,003.55	0.59	7.05	13,493.80	189.80		
2023/12/03 17:00	0.62	0.39	17.43	0.00	1,047.62	0.56	6.17	14,265.00	189.48		
2023/12/03 17:30	1.46	0.46	16.00	0.00	985.16	0.62	7.63	12,963.70	189.60		
2023/12/03 18:00	1.09	0.43	15.69	0.00	995.72	0.62	7.51	13,021.70	189.55		
2023/12/03 18:30	11.46	0.41	18.47	0.00	1,034.24	0.57	6.30	14,274.90	189.52		
2023/12/03 19:00	5.35	0.42	15.94	0.00	1,006.37	0.58	6.71	14,045.80	189.39		
2023/12/03 19:30	1.33	0.38	20.47	0.00	1,062.07	0.54	5.60	15,153.10	190.27		
2023/12/03 20:00	[redacted]				1,048.94	0.76	[redacted]	11,961.30	191.73		
2023/12/03 20:30	1.18	0.35	11.36	0.00	993.35	0.61	6.77	14,012.00	192.12		
2023/12/03 21:00	2.49	0.31	13.35	0.00	1,042.93	0.55	5.51	15,292.20	191.52		
2023/12/03 21:30	2.60	0.34	12.19	0.00	1,006.85	0.60	6.43	14,449.40	192.04		
2023/12/03 22:00	0.85	0.34	15.51	0.00	1,022.78	0.57	5.93	15,011.60	192.54		
2023/12/03 22:30	3.34	0.37	11.93	0.00	996.37	0.60	6.50	14,524.00	192.39		
2023/12/03 23:00	0.72	0.35	15.96	0.00	1,031.43	0.59	6.25	14,606.80	191.91		
2023/12/03 23:30	0.96	0.40	13.45	0.00	996.10	0.62	6.95	13,839.20	191.40		

[redacted] [정상불량] [redacted] [redacted] [redacted] [DL전변단절] [알람값 초과] [규제값 초과]

측정자료이력(stack #1)

결재	담 당	조 장	팀 장	소 장
	김승원	박재홍		

- 측정소명 : 경산시 자원회수시설 stack #1 (30분 자료 - 보정후 값)
- 조회기간 : 2023/12/04 00:00 ~ 2023/12/04 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	0.47	0.15	7.40	0.00	931.11	0.54	5.56	12,446.00	187.55		
측정 최대값	14.05	0.52	18.48	0.01	1,054.36	0.66	8.08	15,557.40	191.99		
측정 누적값	67.66	13.69	559.30	0.01	41,883.26	24.92	286.52	581,656	7,958.29		
측정 평균값	1.61	0.33	13.32	0.00	992.46	0.59	6.82	13,848.95	189.48		
2023/12/04 00:00					1,048.42	0.76		11,722.20	190.58		
2023/12/04 00:30	1.34	0.34	13.50	0.00	990.15	0.63	7.27	13,536.20	191.13		
2023/12/04 01:00	1.34	0.35	11.10	0.00	969.31	0.62	7.23	13,340.10	189.89		
2023/12/04 01:30	0.85	0.32	13.03	0.00	1,021.73	0.58	6.35	14,649.30	189.27		
2023/12/04 02:00	0.47	0.28	16.20	0.00	1,053.85	0.56	5.62	15,513.90	190.84		
2023/12/04 02:30	3.31	0.29	12.79	0.01	1,051.07	0.57	5.67	14,724.30	191.99		
2023/12/04 03:00	0.90	0.35	11.62	0.00	990.38	0.62	7.17	13,691.10	191.00		
2023/12/04 03:30	0.77	0.33	15.52	0.00	1,039.97	0.58	5.94	15,268.40	191.19		
2023/12/04 04:00					1,032.35	0.80		11,366.30	192.09		
2023/12/04 04:30	0.69	0.23	15.25	0.00	1,016.40	0.61	6.65	13,931.70	191.29		
2023/12/04 05:00	0.72	0.23	18.48	0.00	1,016.31	0.62	6.90	13,673.40	190.17		
2023/12/04 05:30	1.15	0.22	18.18	0.00	1,054.36	0.58	6.14	14,402.60	190.00		
2023/12/04 06:00	1.17	0.24	15.98	0.00	1,004.72	0.66	7.79	12,590.10	189.92		
2023/12/04 06:30	1.31	0.26	16.69	0.00	998.10	0.64	7.46	12,956.80	189.05		
2023/12/04 07:00	1.17	0.26	17.50	0.00	997.99	0.64	7.46	13,016.70	187.94		
2023/12/04 07:30	1.11	0.25	16.90	0.00	1,005.91	0.60	6.80	13,760.30	188.10		
2023/12/04 08:00					990.52	0.77		11,463.40	188.00		
2023/12/04 08:30	2.22	0.29	16.32	0.00	992.79	0.60	6.79	13,745.70	188.15		
2023/12/04 09:00	2.03	0.32	12.53	0.00	931.11	0.66	8.08	12,446.00	187.94		
2023/12/04 09:30	1.26	0.29	15.90	0.00	977.03	0.59	6.89	13,629.30	187.55		
2023/12/04 10:00	1.99	0.30	11.95	0.00	932.09	0.64	7.82	12,850.80	188.20		
2023/12/04 10:30	1.42	0.19	13.94	0.00	966.72	0.60	7.02	13,631.50	188.23		
2023/12/04 11:00	1.29	0.15	12.28	0.00	971.17	0.60	7.17	13,348.30	188.01		
2023/12/04 11:30	1.68	0.16	10.81	0.00	970.29	0.59	6.85	13,848.60	188.43		
2023/12/04 12:00					985.51	0.75		11,266.90	188.87		
2023/12/04 12:30	1.10	0.45	11.50	0.00	991.54	0.57	6.65	13,940.70	188.33		
2023/12/04 13:00	1.03	0.48	12.35	0.00	990.61	0.58	6.89	14,042.90	188.90		
2023/12/04 13:30	0.78	0.45	9.71	0.00	990.17	0.57	6.58	13,996.20	190.09		
2023/12/04 14:00	0.72	0.45	12.72	0.00	1,003.64	0.58	6.85	13,679.60	189.78		
2023/12/04 14:30	0.85	0.49	16.14	0.00	999.27	0.59	7.29	13,087.40	188.61		
2023/12/04 15:00	0.92	0.51	14.99	0.00	986.11	0.59	7.26	13,169.90	188.55		
2023/12/04 15:30	1.25	0.52	13.09	0.00	968.65	0.59	7.37	12,916.80	188.23		
2023/12/04 16:00					987.49	0.71		11,224.80	187.75		
2023/12/04 16:30	0.98	0.36	10.83	0.00	980.27	0.56	6.70	13,793.50	188.20		
2023/12/04 17:00	0.50	0.37	16.70	0.00	1,013.84	0.55	6.49	13,866.50	189.01		
2023/12/04 17:30	1.60	0.45	15.68	0.00	948.18	0.62	7.95	12,569.10	188.85		
2023/12/04 18:00	0.96	0.41	16.25	0.00	1,013.83	0.54	5.97	15,001.60	189.33		
2023/12/04 18:30	1.03	0.41	12.07	0.00	985.15	0.58	6.53	14,317.00	190.48		
2023/12/04 19:00	1.44	0.43	11.34	0.00	987.11	0.57	6.45	14,378.10	189.66		
2023/12/04 19:30	14.05	0.38	8.60	0.00	1,019.42	0.55	5.81	15,202.40	189.35		
2023/12/04 20:00					1,023.69	0.76		11,575.00	191.02		
2023/12/04 20:30	0.98	0.29	13.16	0.00	994.83	0.58	6.51	14,403.10	191.80		
2023/12/04 21:00	1.31	0.27	10.36	0.00	977.47	0.61	6.99	13,509.50	190.67		
2023/12/04 21:30	0.99	0.28	11.85	0.00	977.51	0.61	7.10	13,593.40	190.24		
2023/12/04 22:00	1.23	0.28	11.20	0.00	969.87	0.60	7.12	13,692.80	189.50		
2023/12/04 22:30	1.31	0.27	7.97	0.00	944.14	0.59	7.05	13,846.20	189.67		
2023/12/04 23:00	5.02	0.25	8.92	0.00	1,003.02	0.54	5.56	15,557.40	190.00		
2023/12/04 23:30	1.42	0.24	7.40	0.00	987.18	0.56	6.33	14,536.90	190.75		

[데이터없음] [측정불능] [데이터단절] [알람값 초과] [규제값 초과]