측정자료이력(stack #1)

결재	담 당	조 장	팀 장	소 장
	김정수	정성욱	최서영	

- 측정소명 : 경산시 자원회수시설 stack #1 (30분 자료 - 보정후 값)
- 조회기간 : 2022/01/02 00:00 ~ 2022/01/02 23:55

측정항목코드	COb	HCL	NOX	SO2	TM1	TSP	O2b	FL1	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	1.16	0.29	18.02	0.00	923.13	0.56	6.56	12,572.70	184.43		
측정 최대값	15.47	0.65	24.88	0.00	1,054.35	0.69	8.91	15,622.70	191.80		
측정 누적값	112.39	18.86	900.67	0.00	42,172.00	26.50	328.71	576,224	7,934.54		
측정 평균값	2.68	0.45	21.44	0.00	1,004.10	0.63	7.83	13,719.61	188.92		
2022/01/02 00:00	[redacted]	[redacted]	[redacted]	[redacted]	980.61	0.83	[redacted]	9,938.32	187.07		
2022/01/02 00:30	2.00	0.35	20.09	0.00	994.18	0.63	7.96	13,128.50	186.09		
2022/01/02 01:00	1.82	0.37	22.44	0.00	1,004.11	0.63	7.85	13,285.50	186.21		
2022/01/02 01:30	1.54	0.33	21.32	0.00	1,028.63	0.64	7.80	13,342.50	187.17		
2022/01/02 02:00	2.44	0.31	19.44	0.00	1,054.35	0.60	6.84	14,475.70	187.86		
2022/01/02 02:30	2.07	0.37	22.23	0.00	1,000.82	0.66	8.14	13,229.40	187.99		
2022/01/02 03:00	1.30	0.34	21.55	0.00	1,040.38	0.61	7.28	14,016.10	187.62		
2022/01/02 03:30	1.76	0.36	23.73	0.00	997.41	0.65	8.11	13,111.80	187.14		
2022/01/02 04:00	[redacted]	[redacted]	[redacted]	[redacted]	1,002.93	0.80	[redacted]	11,080.60	187.03		
2022/01/02 04:30	2.32	0.45	18.09	0.00	990.56	0.67	8.15	12,957.80	186.80		
2022/01/02 05:00	2.88	0.44	19.85	0.00	985.79	0.65	8.12	12,944.30	185.72		
2022/01/02 05:30	3.90	0.45	21.58	0.00	976.83	0.65	8.06	12,984.00	184.43		
2022/01/02 06:00	1.39	0.41	21.37	0.00	1,050.21	0.58	6.56	14,876.90	185.68		
2022/01/02 06:30	1.92	0.47	24.04	0.00	1,023.75	0.64	7.68	13,545.90	187.06		
2022/01/02 07:00	2.24	0.49	23.37	0.00	1,005.27	0.64	7.90	13,360.30	187.25		
2022/01/02 07:30	3.01	0.53	24.67	0.00	976.19	0.69	8.53	12,572.70	186.59		
2022/01/02 08:00	[redacted]	[redacted]	[redacted]	[redacted]	1,021.34	0.77	[redacted]	12,040.30	186.71		
2022/01/02 08:30	2.15	0.32	19.45	0.00	1,015.63	0.60	6.99	14,568.10	187.93		
2022/01/02 09:00	1.65	0.30	20.93	0.00	1,035.29	0.59	6.68	15,622.70	189.02		
2022/01/02 09:30	1.75	0.30	21.55	0.00	1,019.03	0.64	7.67	14,208.10	189.83		
2022/01/02 10:00	2.49	0.31	22.47	0.00	1,016.27	0.64	7.91	13,821.10	189.77		
2022/01/02 10:30	2.20	0.30	21.88	0.00	1,027.26	0.63	7.82	13,782.90	189.53		
2022/01/02 11:00	2.03	0.29	22.17	0.00	1,042.67	0.59	7.03	14,978.10	190.08		
2022/01/02 11:30	2.91	0.32	20.82	0.00	956.52	0.66	8.65	13,047.40	190.29		
2022/01/02 12:00	[redacted]	[redacted]	[redacted]	[redacted]	1,021.07	0.76	[redacted]	11,810.30	190.47		
2022/01/02 12:30	2.59	0.63	21.35	0.00	967.31	0.64	8.28	13,148.30	190.12		
2022/01/02 13:00	10.97	0.61	19.27	0.00	969.01	0.65	8.37	13,274.60	189.33		
2022/01/02 13:30	15.47	0.52	19.50	0.00	1,019.24	0.59	7.28	14,408.20	189.78		
2022/01/02 14:00	1.95	0.57	21.55	0.00	1,014.51	0.58	7.11	14,802.70	190.72		
2022/01/02 14:30	2.88	0.62	18.40	0.00	962.22	0.63	8.07	13,727.80	190.66		
2022/01/02 15:00	1.61	0.57	20.20	0.00	1,025.25	0.56	6.60	15,565.70	191.52		
2022/01/02 15:30	2.47	0.65	18.02	0.00	982.05	0.65	8.56	12,677.10	190.98		
2022/01/02 16:00	[redacted]	[redacted]	[redacted]	[redacted]	1,041.81	0.75	[redacted]	11,523.20	190.90		
2022/01/02 16:30	3.18	0.60	24.88	0.00	957.81	0.66	8.69	12,945.00	190.92		
2022/01/02 17:00	2.12	0.55	20.94	0.00	1,005.33	0.60	7.51	14,168.90	191.12		
2022/01/02 17:30	2.47	0.58	23.88	0.00	995.97	0.62	7.94	13,782.70	191.12		
2022/01/02 18:00	2.05	0.56	22.33	0.00	1,003.64	0.61	7.41	14,505.20	191.53		
2022/01/02 18:30	1.76	0.56	21.82	0.00	994.72	0.62	7.82	13,967.10	191.80		
2022/01/02 19:00	1.45	0.55	23.14	0.00	1,032.36	0.61	7.33	14,621.90	191.69		
2022/01/02 19:30	3.27	0.61	19.89	0.00	923.13	0.69	8.91	12,668.50	190.51		
2022/01/02 20:00	[redacted]	[redacted]	[redacted]	[redacted]	982.93	0.74	[redacted]	12,110.30	189.68		
2022/01/02 20:30	1.58	0.38	19.55	0.00	994.89	0.60	7.57	14,206.00	189.84		
2022/01/02 21:00	2.31	0.41	19.42	0.00	992.51	0.66	8.48	12,962.80	189.20		
2022/01/02 21:30	2.13	0.45	22.54	0.00	994.46	0.67	8.60	12,885.20	188.88		
2022/01/02 22:00	2.19	0.46	23.05	0.00	987.07	0.66	8.53	13,016.50	188.45		
2022/01/02 22:30	1.74	0.40	21.14	0.00	1,025.38	0.62	7.73	13,970.90	188.28		
2022/01/02 23:00	1.27	0.38	23.51	0.00	1,052.22	0.64	7.89	13,832.50	188.89		
2022/01/02 23:30	1.16	0.39	23.25	0.00	1,031.77	0.65	8.30	13,226.10	189.14		

[redacted] [동작불량] [전원단절] [로수증] [데비정상] [DL전원단절] [알람값 초과] [규제값 초과]

측정자료이력(stack #1)

결재	담 당	조 장	팀 장	소 장
	천학수	이석원		

- 측정소명 : 경산시 자원회수시설 stack #1 (30분 자료 - 보정후 값)
- 조회기간 : 2022/01/03 00:00 ~ 2022/01/03 23:55

측정항목코드	C0b	HCL	NOX	S02	TM1	TSP	02b	FL1	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	0.68	0.36	14.92	0.00	964.39	0.57	6.68	12,565.10	185.68		
측정 최대값	7.32	0.54	25.76	0.00	1,083.45	0.69	8.67	15,153.40	190.96		
측정 누적값	68.00	18.57	835.80	0.00	42,411.44	26.13	329.00	566,302	7,901.07		
측정 평균값	1.62	0.44	19.90	0.00	1,009.80	0.62	7.83	13,483.37	188.12		
2022/01/03 00:00	[redacted]	[redacted]	[redacted]	[redacted]	994.71	0.81	[redacted]	11,043.10	189.21		
2022/01/03 00:30	1.96	0.42	25.55	0.00	1,012.57	0.65	8.14	13,654.40	189.24		
2022/01/03 01:00	1.97	0.43	25.76	0.00	1,023.18	0.64	8.07	13,762.50	189.43		
2022/01/03 01:30	2.27	0.40	24.55	0.00	995.57	0.65	8.21	13,674.30	189.93		
2022/01/03 02:00	2.32	0.41	23.99	0.00	988.35	0.65	8.07	13,926.20	190.33		
2022/01/03 02:30	1.16	0.36	21.32	0.00	1,054.33	0.59	6.94	15,045.70	190.80		
2022/01/03 03:00	2.16	0.40	24.30	0.00	992.54	0.68	8.61	13,095.90	190.61		
2022/01/03 03:30	1.85	0.38	21.52	0.00	992.31	0.67	8.19	13,443.10	190.39		
2022/01/03 04:00	[redacted]	[redacted]	[redacted]	[redacted]	1,023.63	0.78	[redacted]	11,955.20	189.94		
2022/01/03 04:30	0.99	0.36	22.09	0.00	1,083.45	0.60	6.87	15,153.40	190.60		
2022/01/03 05:00	1.46	0.40	22.32	0.00	1,024.21	0.66	8.02	13,765.60	190.96		
2022/01/03 05:30	2.39	0.46	21.65	0.00	979.55	0.69	8.67	13,032.60	190.72		
2022/01/03 06:00	1.66	0.41	20.40	0.00	1,016.65	0.63	7.68	13,551.60	189.71		
2022/01/03 06:30	1.33	0.41	19.39	0.00	1,045.79	0.61	6.96	14,374.00	189.22		
2022/01/03 07:00	1.51	0.44	19.68	0.00	1,005.94	0.64	7.63	13,863.60	189.15		
2022/01/03 07:30	0.89	0.39	20.54	0.00	1,040.74	0.62	7.23	14,185.20	189.07		
2022/01/03 08:00	[redacted]	[redacted]	[redacted]	[redacted]	980.79	0.83	[redacted]	10,665.70	189.06		
2022/01/03 08:30	1.42	0.44	21.79	0.00	1,013.83	0.64	7.79	13,584.20	188.64		
2022/01/03 09:00	1.87	0.45	21.57	0.00	992.41	0.66	8.33	13,074.20	188.78		
2022/01/03 09:30	1.91	0.44	17.21	0.00	978.15	0.66	8.31	12,810.90	188.10		
2022/01/03 10:00	1.45	0.42	18.85	0.00	1,005.33	0.63	8.00	13,084.90	187.75		
2022/01/03 10:30	2.11	0.44	18.88	0.00	978.30	0.64	8.27	12,876.10	187.45		
2022/01/03 11:00	1.84	0.43	17.60	0.00	974.99	0.62	8.02	13,027.90	187.16		
2022/01/03 11:30	1.29	0.42	15.52	0.00	998.49	0.60	7.62	13,472.90	187.50		
2022/01/03 12:00	[redacted]	[redacted]	[redacted]	[redacted]	990.30	0.98	[redacted]	11,195.70	187.84		
2022/01/03 12:30	0.87	0.47	19.67	0.00	1,039.13	0.57	7.06	14,135.10	188.13		
2022/01/03 13:00	1.44	0.52	19.13	0.00	989.13	0.61	8.07	13,013.60	188.02		
2022/01/03 13:30	1.57	0.54	20.96	0.00	1,009.15	0.62	8.06	13,089.00	188.32		
2022/01/03 14:00	1.44	0.53	15.02	0.00	993.53	0.62	8.17	12,768.40	187.60		
2022/01/03 14:30	1.23	0.52	18.27	0.00	992.77	0.62	8.18	12,892.70	187.27		
2022/01/03 15:00	1.61	0.54	15.78	0.00	970.24	0.62	8.37	12,638.00	186.68		
2022/01/03 15:30	1.01	0.51	14.92	0.00	1,017.19	0.58	7.51	13,354.00	185.94		
2022/01/03 16:00	[redacted]	[redacted]	[redacted]	[redacted]	1,010.75	0.74	[redacted]	10,705.20	185.82		
2022/01/03 16:30	1.25	0.46	17.63	0.00	997.83	0.61	8.10	12,812.90	185.80		
2022/01/03 17:00	1.31	0.45	16.11	0.00	990.71	0.61	8.16	12,714.20	185.68		
2022/01/03 17:30	1.14	0.45	17.43	0.00	1,012.25	0.60	7.86	12,984.30	185.71		
2022/01/03 18:00	0.68	0.45	18.79	0.00	1,043.78	0.59	7.59	13,329.90	185.96		
2022/01/03 18:30	7.32	0.47	19.52	0.00	992.07	0.64	8.45	12,565.10	186.22		
2022/01/03 19:00	1.06	0.45	19.46	0.00	1,027.15	0.58	7.18	14,106.00	186.33		
2022/01/03 19:30	0.92	0.45	20.13	0.00	1,048.71	0.58	7.29	14,014.20	187.09		
2022/01/03 20:00	[redacted]	[redacted]	[redacted]	[redacted]	1,049.50	0.75	[redacted]	11,532.00	187.46		
2022/01/03 20:30	1.51	0.46	22.75	0.00	1,010.90	0.62	8.08	13,170.20	186.94		
2022/01/03 21:00	1.34	0.43	19.96	0.00	1,008.61	0.59	7.45	13,932.10	187.12		
2022/01/03 21:30	1.82	0.45	19.20	0.00	964.39	0.63	8.24	12,935.40	187.23		
2022/01/03 22:00	1.42	0.45	18.01	0.00	998.27	0.61	7.73	13,302.90	186.55		
2022/01/03 22:30	0.85	0.41	16.94	0.00	1,040.19	0.58	7.00	14,272.20	186.79		
2022/01/03 23:00	0.92	0.39	19.63	0.00	1,067.55	0.58	6.68	14,764.90	187.87		
2022/01/03 23:30	1.48	0.46	22.01	0.00	1,001.21	0.64	8.14	13,047.20	188.28		

[redacted] [동작불량] [센서단절] [보수중] [데이정상] [OL전원단절] [알람값 초과] [규제값 초과]

측정자료이력(stack #1)

결재	담 당	조 장	팀 장	소 장
	천학수	이욱배	최시영	

- 측정소명 : 경산시 자원회수시설 stack #1 (30분 자료 - 보정후 값)
- 조회기간 : 2022/01/04 00:00 ~ 2022/01/04 23:55

측정항목코드	C0b	HCL	NOX	S02	TM1	TSP	02b	FL1	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	0.65	0.39	14.46	0.00	951.75	0.55	6.48	11,770.40	185.29		
측정 최대값	9.48	0.54	25.31	0.00	1,073.34	0.67	9.12	14,861.60	188.61		
측정 누적값	66.55	19.01	870.98	0.00	43,075.91	25.12	316.28	566,489	7,868.89		
측정 평균값	1.58	0.45	20.74	0.00	1,025.62	0.60	7.53	13,487.83	187.35		
2022/01/04 00:00					987.09	0.77		10,856.90	187.79		
2022/01/04 00:30	1.50	0.44	19.36	0.00	995.70	0.62	7.86	12,941.30	186.57		
2022/01/04 01:00	1.27	0.43	16.32	0.00	995.61	0.61	7.74	13,104.50	186.26		
2022/01/04 01:30	1.20	0.43	17.81	0.00	1,011.08	0.60	7.61	13,520.80	186.70		
2022/01/04 02:00	1.54	0.46	20.84	0.00	984.74	0.61	8.06	12,830.10	186.76		
2022/01/04 02:30	1.81	0.47	17.65	0.00	979.72	0.62	8.15	12,501.40	185.95		
2022/01/04 03:00	0.93	0.43	18.62	0.00	1,036.27	0.58	7.35	13,517.40	185.29		
2022/01/04 03:30	0.68	0.41	18.05	0.00	1,059.11	0.57	6.89	14,091.20	186.10		
2022/01/04 04:00					996.86	0.77		10,678.60	186.71		
2022/01/04 04:30	1.33	0.47	15.96	0.00	983.79	0.64	8.16	12,746.20	186.49		
2022/01/04 05:00	1.42	0.46	14.46	0.00	985.84	0.62	7.93	13,032.80	186.47		
2022/01/04 05:30	0.65	0.43	17.10	0.00	1,052.45	0.57	6.77	14,276.50	186.75		
2022/01/04 06:00	0.75	0.44	17.46	0.00	1,035.49	0.60	7.42	13,460.30	186.99		
2022/01/04 06:30	0.93	0.45	17.00	0.00	1,026.87	0.60	7.48	13,501.60	187.16		
2022/01/04 07:00	0.77	0.43	17.97	0.00	1,042.08	0.58	7.18	13,876.80	187.49		
2022/01/04 07:30	1.27	0.47	21.92	0.00	1,019.18	0.61	7.61	13,745.90	188.24		
2022/01/04 08:00					955.08	0.78		10,619.70	188.19		
2022/01/04 08:30	0.95	0.42	16.53	0.00	1,032.85	0.58	7.01	14,041.70	187.83		
2022/01/04 09:00	0.93	0.42	16.34	0.00	1,025.39	0.59	7.26	13,831.60	187.85		
2022/01/04 09:30	0.82	0.39	17.89	0.00	1,050.69	0.58	7.04	14,020.70	188.13		
2022/01/04 10:00	1.39	0.41	19.98	0.00	1,033.75	0.61	7.52	13,492.40	188.55		
2022/01/04 10:30	1.62	0.45	21.59	0.00	1,017.15	0.62	7.89	13,069.10	188.49		
2022/01/04 11:00	9.48	0.43	21.37	0.00	1,033.49	0.61	7.48	13,535.10	188.49		
2022/01/04 11:30	1.40	0.46	23.33	0.00	1,010.93	0.61	7.93	12,973.10	188.61		
2022/01/04 12:00					1,026.44	0.76		10,741.30	188.69		
2022/01/04 12:30	1.26	0.44	19.56	0.00	1,050.42	0.58	7.26	13,418.90	188.55		
2022/01/04 13:00	0.82	0.41	21.78	0.00	1,063.73	0.58	7.46	13,054.60	187.74		
2022/01/04 13:30	1.22	0.46	23.76	0.00	1,028.39	0.61	7.93	12,727.50	187.36		
2022/01/04 14:00	2.10	0.47	20.51	0.00	1,004.39	0.60	7.78	13,223.10	186.97		
2022/01/04 14:30	1.93	0.43	20.73	0.00	1,029.87	0.56	6.93	14,156.10	187.24		
2022/01/04 15:00	1.58	0.45	23.43	0.00	1,034.88	0.57	7.19	13,817.90	187.68		
2022/01/04 15:30	1.91	0.49	25.27	0.00	1,023.34	0.60	7.70	13,320.80	187.88		
2022/01/04 16:00					1,056.02	0.72		11,455.30	187.69		
2022/01/04 16:30	1.76	0.47	24.15	0.00	1,053.31	0.56	7.00	14,013.50	187.77		
2022/01/04 17:00	2.30	0.51	24.95	0.00	989.77	0.63	8.70	12,175.00	187.36		
2022/01/04 17:30	1.70	0.50	25.31	0.00	1,024.43	0.58	7.57	13,434.80	187.17		
2022/01/04 18:00	1.42	0.48	24.50	0.00	1,032.41	0.60	7.60	13,496.70	186.97		
2022/01/04 18:30	3.05	0.54	22.34	0.00	951.75	0.67	9.12	11,770.40	186.93		
2022/01/04 19:00	1.37	0.45	21.29	0.00	1,028.82	0.57	7.11	14,021.90	186.44		
2022/01/04 19:30	0.93	0.42	22.64	0.00	1,073.34	0.55	6.48	14,861.60	186.91		
2022/01/04 20:00					1,013.45	0.77		11,002.00	187.55		
2022/01/04 20:30	1.12	0.46	23.71	0.00	1,062.71	0.59	7.26	13,891.50	187.66		
2022/01/04 21:00	1.08	0.46	23.57	0.00	1,054.01	0.59	7.19	14,044.90	187.96		
2022/01/04 21:30	1.42	0.47	22.62	0.00	1,033.77	0.61	7.65	13,557.80	188.06		
2022/01/04 22:00	2.02	0.48	21.85	0.00	1,014.85	0.63	7.99	13,108.30	187.41		
2022/01/04 22:30	1.54	0.48	24.27	0.00	1,034.67	0.61	7.63	13,732.30	187.40		
2022/01/04 23:00	1.88	0.49	23.70	0.00	1,022.32	0.61	7.41	14,191.50	188.07		
2022/01/04 23:30	1.50	0.45	23.49	0.00	1,052.55	0.59	6.98	14,359.30	188.19		

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