측정자료이력(stack #1)

결재	담 당	조 장	팀 장	소 장
	홍학수	이복란	최시영	

- 측정소명 : 경산시 자원회수시설 stack #1 (30분 자료 - 보정후 값)
- 조회기간 : 2022/02/04 00:00 ~ 2022/02/04 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	1.07	0.31	11.22	0.00	963.50	0.62	6.86	11,552.40	186.37
측정 최대값	8.08	0.80	23.08	0.61	1,107.83	0.74	9.44	14,778.80	190.95
측정 누적값	81.97	14.26	600.23	0.61	33,181.01	21.55	249.85	431,176	6,034.55
측정 평균값	2.56	0.45	18.76	0.02	1,036.91	0.67	7.81	13,474.24	188.58
2022/02/04 00:00					995.39	0.84		10,979.10	188.43
2022/02/04 00:30	3.11	0.48	23.08	0.00	963.50	0.73	8.85	12,517.50	188.60
2022/02/04 01:00	1.98	0.38	19.96	0.00	1,010.21	0.64	7.06	14,619.10	188.57
2022/02/04 01:30	1.41	0.36	20.36	0.00	1,042.90	0.65	6.96	14,519.60	189.23
2022/02/04 02:00	2.02	0.39	19.57	0.00	1,005.05	0.68	7.85	13,568.00	189.24
2022/02/04 02:30	1.48	0.35	19.50	0.00	1,024.00	0.67	7.60	13,895.80	189.56
2022/02/04 03:00	1.24	0.34	20.07	0.00	1,050.67	0.64	6.86	14,778.80	189.84
2022/02/04 03:30	1.07	0.31	21.10	0.00	1,049.23	0.66	7.26	14,291.00	190.18
2022/02/04 04:00					1,052.82	0.84		11,591.20	190.64
2022/02/04 04:30	1.23	0.34	20.64	0.00	1,057.07	0.65	7.05	14,554.30	190.87
2022/02/04 05:00	1.43	0.32	20.90	0.00	1,034.37	0.68	7.52	14,099.00	190.95
2022/02/04 05:30	1.92	0.38	21.13	0.00	1,000.41	0.72	8.36	13,060.70	190.71
2022/02/04 06:00	2.57	0.39	20.40	0.00	975.51	0.74	8.77	12,537.20	189.93
2022/02/04 06:30	1.60	0.33	19.72	0.61	1,059.65	0.66	7.25	14,175.20	189.39
2022/02/04 07:00	1.32	0.36	20.02	0.00	1,046.61	0.69	7.75	13,572.40	189.63
2022/02/04 07:30	1.90	0.37	19.53	0.00	1,010.45	0.72	8.16	13,206.00	189.67
2022/02/04 08:00					1,064.41	0.83		12,442.90	190.20
2022/02/04 08:30	1.57	0.37	15.33	0.00	1,045.06	0.66	7.31	14,358.80	190.81
2022/02/04 09:00	16.52	3.66	24.99	4.67	940.83	0.70	9.78	13,479.00	189.77
2022/02/04 09:30	70.76	12.04	63.05	28.07	1,051.75	0.48	6.57	18,908.40	185.16
2022/02/04 10:00	0.00	0.00	2.68	1.29	1,039.27	0.48	20.95	19,290.50	188.27
2022/02/04 10:30	0.03	0.00	0.77	0.21	1,010.44	0.48	20.95	19,376.60	189.48
2022/02/04 11:00	0.16	0.00	0.03	0.00	1,055.31	0.48	20.95	19,515.60	190.01
2022/02/04 11:30	0.21	0.08	0.04	0.00	1,011.97	0.49	20.65	19,588.10	190.70
2022/02/04 12:00	0.07	0.13	0.02	0.18	1,044.96	0.47	20.95	18,897.70	190.19
2022/02/04 12:30	51.87	3.46	46.74	19.46	1,043.73	0.47	12.02	18,550.60	189.29
2022/02/04 13:00	3.38	0.67	19.60	0.06	1,079.58	0.47	8.45	18,328.80	185.45
2022/02/04 13:30	0.87	0.53	3.53	0.37	1,090.44	0.56	18.94	19,360.40	188.03
2022/02/04 14:00	4.77	0.89	22.49	0.00	1,075.41	0.47	7.49	18,720.20	188.57
2022/02/04 14:30	5.16	0.53	11.22	0.00	1,085.40	0.62	7.27	13,435.60	188.05
2022/02/04 15:00	2.97	0.42	11.81	0.00	1,074.93	0.64	7.55	13,529.40	187.61
2022/02/04 15:30	2.57	0.36	17.46	0.00	1,107.83	0.62	7.19	14,257.70	188.48
2022/02/04 16:00					1,086.05	0.79		11,484.20	188.38
2022/02/04 16:30	2.62	0.66	19.40	0.00	1,027.87	0.71	8.81	12,183.40	188.16
2022/02/04 17:00	1.39	0.59	18.42	0.00	1,070.44	0.63	7.27	14,133.00	188.23
2022/02/04 17:30	1.67	0.66	18.20	0.00	1,035.31	0.68	8.23	13,051.80	188.53
2022/02/04 18:00	3.80	0.80	18.86	0.00	967.79	0.74	9.44	11,552.40	188.13
2022/02/04 18:30	8.08	0.74	16.93	0.00	1,035.29	0.67	8.26	12,526.40	187.04
2022/02/04 19:00	5.60	0.70	17.51	0.00	1,062.76	0.65	7.67	13,634.40	187.20
2022/02/04 19:30	5.40	0.68	19.06	0.00	1,071.35	0.65	7.51	13,838.10	187.99
2022/02/04 20:00					987.81	0.89		9,861.29	188.12
2022/02/04 20:30	2.75	0.43	17.05	0.00	981.90	0.73	8.97	11,921.50	187.30
2022/02/04 21:00	6.39	0.38	16.87	0.00	1,059.19	0.65	7.60	13,268.40	186.72
2022/02/04 21:30	2.20	0.38	15.50	0.00	1,052.23	0.68	8.11	12,750.10	186.37
2022/02/04 22:00	1.43	0.39	18.54	0.00	1,035.04	0.71	8.45	12,569.20	186.86
2022/02/04 22:30	1.16	0.36	18.55	0.00	1,050.30	0.68	8.16	12,797.10	186.55
2022/02/04 23:00	1.54	0.37	21.60	0.00	1,042.68	0.66	7.63	13,654.00	186.69
2022/02/04 23:30	1.39	0.34	21.94	0.00	1,046.01	0.64	7.12	14,319.70	187.46

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

측정자료이력(stack #1)

결재	담 당	조 장	팀 장	소 장
	천학수	이수권	최시영	

- 측정소명 : 경산시 자원회수시설 stack #1 (30분 자료 - 보정후 값)
- 조회기간 : 2022/02/05 00:00 ~ 2022/02/05 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	0.95	0.30	17.44	0.00	979.71	0.64	6.89	11,887.50	186.16		
측정 최대값	5.82	0.54	24.00	0.00	1,082.63	0.77	9.18	14,538.40	188.27		
측정 누적값	98.12	16.09	889.04	0.00	43,023.74	29.34	330.55	562,983	7,871.42		
측정 평균값	2.34	0.38	21.17	0.00	1,024.37	0.70	7.87	13,404.35	187.41		
2022/02/05 00:00	[redacted]	[redacted]	[redacted]	[redacted]	1,070.60	0.80	[redacted]	12,595.50	187.97		
2022/02/05 00:30	2.39	0.32	23.79	0.00	1,015.24	0.70	8.15	13,208.70	188.17		
2022/02/05 01:00	3.23	0.35	24.00	0.00	997.81	0.70	8.00	13,582.20	188.20		
2022/02/05 01:30	2.32	0.30	21.35	0.00	1,028.51	0.67	7.45	13,951.40	188.27		
2022/02/05 02:00	1.93	0.31	20.80	0.00	1,024.17	0.69	7.65	13,616.80	187.92		
2022/02/05 02:30	2.47	0.31	20.23	0.00	996.87	0.73	8.28	12,983.10	187.84		
2022/02/05 03:00	1.87	0.30	21.84	0.00	1,054.13	0.67	7.30	13,989.90	187.42		
2022/02/05 03:30	1.81	0.31	22.15	0.00	1,047.07	0.69	7.59	13,732.40	188.00		
2022/02/05 04:00	[redacted]	[redacted]	[redacted]	[redacted]	1,008.37	0.83	[redacted]	12,057.40	188.01		
2022/02/05 04:30	1.81	0.32	20.67	0.00	1,020.79	0.70	7.88	13,271.70	187.87		
2022/02/05 05:00	1.67	0.35	21.93	0.00	1,034.21	0.69	7.91	13,034.90	187.39		
2022/02/05 05:30	1.85	0.34	19.86	0.00	1,031.45	0.70	7.94	13,074.70	186.89		
2022/02/05 06:00	2.07	0.37	20.92	0.00	1,003.73	0.75	8.77	12,410.70	186.32		
2022/02/05 06:30	2.33	0.34	23.72	0.00	1,006.98	0.73	8.22	13,242.20	187.18		
2022/02/05 07:00	2.38	0.33	20.72	0.00	1,036.77	0.69	7.40	14,152.80	187.75		
2022/02/05 07:30	2.29	0.35	22.10	0.00	1,027.83	0.73	8.05	13,332.50	188.02		
2022/02/05 08:00	[redacted]	[redacted]	[redacted]	[redacted]	1,034.71	0.87	[redacted]	11,492.60	188.14		
2022/02/05 08:30	3.64	0.42	22.06	0.00	984.38	0.77	8.81	12,230.70	187.62		
2022/02/05 09:00	5.82	0.39	21.08	0.00	1,009.40	0.74	8.21	13,117.00	187.14		
2022/02/05 09:30	1.73	0.37	19.93	0.00	1,054.70	0.68	7.03	14,476.20	187.63		
2022/02/05 10:00	2.81	0.44	21.50	0.00	984.21	0.77	8.74	12,550.60	188.08		
2022/02/05 10:30	3.42	0.40	18.89	0.00	995.98	0.72	7.78	13,621.50	187.58		
2022/02/05 11:00	2.27	0.42	21.92	0.00	990.31	0.74	8.34	12,900.50	187.30		
2022/02/05 11:30	1.88	0.36	19.75	0.00	1,044.05	0.67	7.32	13,702.30	187.06		
2022/02/05 12:00	[redacted]	[redacted]	[redacted]	[redacted]	1,062.18	0.85	[redacted]	11,243.80	186.81		
2022/02/05 12:30	1.65	0.50	20.17	0.00	1,019.80	0.72	8.22	12,919.00	187.61		
2022/02/05 13:00	2.12	0.48	17.44	0.00	1,082.63	0.68	7.53	13,165.50	186.75		
2022/02/05 13:30	0.95	0.48	19.72	0.00	1,068.57	0.68	7.82	13,013.10	186.44		
2022/02/05 14:00	2.41	0.54	21.36	0.00	984.89	0.76	9.18	11,887.50	186.16		
2022/02/05 14:30	1.72	0.47	21.01	0.00	1,063.37	0.65	6.97	14,538.40	186.16		
2022/02/05 15:00	3.01	0.47	19.42	0.00	1,053.01	0.66	7.35	14,160.70	186.77		
2022/02/05 15:30	1.48	0.45	20.09	0.00	1,049.22	0.65	7.09	14,405.20	187.62		
2022/02/05 16:00	[redacted]	[redacted]	[redacted]	[redacted]	1,021.61	0.84	[redacted]	11,290.70	187.69		
2022/02/05 16:30	1.80	0.30	20.53	0.00	1,037.50	0.66	7.60	13,689.20	187.57		
2022/02/05 17:00	2.62	0.34	22.69	0.00	987.49	0.71	8.44	12,912.20	187.56		
2022/02/05 17:30	2.34	0.33	21.31	0.00	995.43	0.69	7.88	13,452.00	187.65		
2022/02/05 18:00	2.52	0.32	20.58	0.00	1,005.66	0.68	7.85	13,537.60	187.23		
2022/02/05 18:30	2.70	0.34	23.60	0.00	993.36	0.70	8.32	12,974.60	187.36		
2022/02/05 19:00	1.84	0.34	20.24	0.00	1,025.51	0.67	7.59	13,765.40	187.71		
2022/02/05 19:30	1.60	0.33	22.87	0.00	1,040.69	0.67	7.59	13,726.50	187.80		
2022/02/05 20:00	[redacted]	[redacted]	[redacted]	[redacted]	1,052.15	0.84	[redacted]	11,300.20	187.99		
2022/02/05 20:30	5.64	0.39	18.30	0.00	1,033.28	0.68	7.78	13,473.90	188.09		
2022/02/05 21:00	2.61	0.47	22.62	0.00	979.71	0.73	8.76	12,507.20	187.42		
2022/02/05 21:30	1.65	0.41	20.58	0.00	1,060.97	0.64	6.89	14,536.00	187.05		
2022/02/05 22:00	1.56	0.40	21.23	0.00	1,055.05	0.67	7.22	14,189.10	187.28		
2022/02/05 22:30	1.59	0.43	21.90	0.00	1,054.79	0.68	7.47	13,761.30	187.41		
2022/02/05 23:00	2.36	0.46	22.17	0.00	1,018.13	0.73	8.20	13,044.60	187.18		
2022/02/05 23:30	1.96	0.44	22.00	0.00	1,026.09	0.70	7.98	13,140.80	186.95		

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

측정자료이력(stack #1)

결재	담 당	조 장	팀 장	소 장
	황성원	이재훈	최시영	

- 측정소명 : 경산시 자원회수시설 stack #1 (30분 자료 - 보정후 값)
- 조회기간 : 2022/02/06 00:00 ~ 2022/02/06 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	0.99	0.12	8.14	0.00	943.53	0.53	4.37	12,165.20	186.56		
측정 최대값	37.12	0.79	24.53	0.00	1,087.86	0.77	9.00	16,837.00	191.67		
측정 누적값	156.85	17.60	781.19	0.00	42,428.11	29.00	320.68	582,729	7,926.13		
측정 평균값	3.73	0.42	18.60	0.00	1,010.19	0.69	7.64	13,874.50	188.72		
2022/02/06 00:00					1,008.70	0.88		11,092.70	187.00		
2022/02/06 00:30	2.42	0.37	24.53	0.00	1,002.75	0.73	8.25	13,072.90	186.94		
2022/02/06 01:00	2.18	0.33	21.28	0.00	1,002.57	0.72	7.87	13,535.20	187.01		
2022/02/06 01:30	1.50	0.33	21.66	0.00	1,024.79	0.71	7.66	13,682.30	187.34		
2022/02/06 02:00	2.42	0.43	21.46	0.00	984.13	0.77	8.83	12,306.50	187.14		
2022/02/06 02:30	2.11	0.44	20.46	0.00	1,010.26	0.70	7.73	13,470.00	186.56		
2022/02/06 03:00	1.76	0.40	21.07	0.00	1,046.17	0.68	7.02	14,647.70	187.44		
2022/02/06 03:30	1.77	0.33	20.87	0.00	1,028.67	0.70	7.41	14,023.20	187.95		
2022/02/06 04:00					994.85	0.90		11,108.00	188.12		
2022/02/06 04:30	2.22	0.47	20.80	0.00	990.21	0.73	7.78	13,658.40	188.14		
2022/02/06 05:00	2.66	0.51	15.01	0.00	949.02	0.77	8.86	12,178.10	187.64		
2022/02/06 05:30	2.31	0.47	18.52	0.00	988.01	0.73	8.31	12,714.20	186.68		
2022/02/06 06:00	1.66	0.40	17.89	0.00	1,028.79	0.69	7.41	13,917.70	186.91		
2022/02/06 06:30	2.29	0.44	21.56	0.00	993.87	0.73	8.25	13,102.60	187.46		
2022/02/06 07:00	1.68	0.36	18.59	0.00	1,021.66	0.70	7.44	14,186.80	187.88		
2022/02/06 07:30	1.18	0.31	20.29	0.00	1,058.73	0.68	7.15	14,437.30	188.73		
2022/02/06 08:00					1,072.63	0.87		12,003.40	189.32		
2022/02/06 08:30	1.68	0.45	22.05	0.00	1,037.05	0.71	8.07	13,100.50	188.68		
2022/02/06 09:00	7.67	0.43	17.16	0.00	975.74	0.74	8.46	12,822.70	187.38		
2022/02/06 09:30	14.41	0.39	19.87	0.00	1,037.07	0.64	6.60	14,915.00	186.83		
2022/02/06 10:00	1.43	0.43	20.85	0.00	1,039.27	0.68	7.54	13,687.30	187.02		
2022/02/06 10:30	1.96	0.51	22.03	0.00	995.67	0.73	8.45	12,869.60	187.35		
2022/02/06 11:00	2.23	0.53	21.45	0.00	995.23	0.68	7.62	13,980.90	187.53		
2022/02/06 11:30	2.16	0.47	22.75	0.00	1,015.70	0.69	7.70	13,944.70	187.90		
2022/02/06 12:00					1,006.01	0.85		11,748.10	188.74		
2022/02/06 12:30	16.72	0.28	19.91	0.00	945.23	0.76	9.00	12,165.20	187.86		
2022/02/06 13:00	2.53	0.25	22.17	0.00	1,021.29	0.66	7.42	14,229.90	187.70		
2022/02/06 13:30	1.56	0.23	19.99	0.00	1,054.77	0.62	6.64	15,140.10	188.82		
2022/02/06 14:00	1.64	0.19	20.02	0.00	1,064.53	0.63	6.60	15,276.60	189.94		
2022/02/06 14:30	2.22	0.19	17.97	0.00	975.39	0.72	8.56	12,942.40	190.12		
2022/02/06 15:00	11.06	0.13	14.63	0.00	1,035.18	0.63	6.69	15,150.90	190.34		
2022/02/06 15:30	2.43	0.12	16.71	0.00	969.23	0.72	8.19	13,623.00	190.40		
2022/02/06 16:00					979.41	0.87		10,825.20	190.64		
2022/02/06 16:30	1.82	0.61	14.88	0.00	1,019.65	0.63	6.74	14,956.50	190.29		
2022/02/06 17:00	1.51	0.67	14.59	0.00	1,012.04	0.66	7.31	14,166.60	190.10		
2022/02/06 17:30	2.32	0.72	15.58	0.00	963.68	0.69	8.27	13,118.60	190.15		
2022/02/06 18:00	2.56	0.66	14.78	0.00	943.53	0.69	8.23	13,193.10	189.42		
2022/02/06 18:30	37.12	0.48	8.14	0.00	1,087.86	0.53	4.37	16,837.00	188.39		
2022/02/06 19:00	1.68	0.79	13.96	0.00	1,002.14	0.67	7.66	13,527.70	188.37		
2022/02/06 19:30	1.61	0.73	16.21	0.00	1,008.87	0.67	7.61	14,325.10	189.54		
2022/02/06 20:00					1,061.22	0.85		11,621.90	190.57		
2022/02/06 20:30	1.57	0.37	17.68	0.00	1,019.75	0.69	7.73	14,146.10	191.40		
2022/02/06 21:00	1.53	0.40	17.45	0.00	1,012.75	0.68	7.55	14,194.30	191.60		
2022/02/06 21:30	0.99	0.42	17.32	0.00	1,038.98	0.65	6.94	14,962.60	191.67		
2022/02/06 22:00	1.64	0.40	16.82	0.00	983.28	0.72	8.24	13,501.20	191.20		
2022/02/06 22:30	1.27	0.42	17.39	0.00	1,015.11	0.69	7.46	14,506.90	190.88		
2022/02/06 23:00	1.52	0.42	16.76	0.00	1,032.91	0.66	6.83	15,159.90	190.77		
2022/02/06 23:30	1.85	0.32	18.08	0.00	996.58	0.72	8.23	13,351.50	190.66		

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