측정자료이력(stack #1)

결재	담 당	조 장	팀 장	소 장
	김승원	박재홍	최시영	

- 측정소명 : 경산시 자원회수시설 stack #1 (30분 자료 - 보정후 값)
- 조회기간 : 2021/12/30 00:00 ~ 2021/12/30 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	1.09	0.26	17.39	0.00	933.07	0.77	6.35	11,307.20	184.77		
측정 최대값	28.83	0.54	24.43	9.70	1,085.60	1.06	9.13	14,483.90	189.11		
측정 누적값	131.49	18.97	893.81	56.04	42,414.46	36.48	322.56	563,272	7,856.60		
측정 평균값	3.13	0.45	21.28	1.33	1,009.87	0.87	7.68	13,411.25	187.06		
2021/12/30 00:00					989.05	1.06		11,388.70	187.92		
2021/12/30 00:30	2.54	0.50	19.02	0.24	979.99	0.84	7.48	13,697.60	187.84		
2021/12/30 01:00	2.33	0.49	22.73	0.99	1,001.95	0.81	7.01	13,996.80	187.57		
2021/12/30 01:30	2.47	0.52	21.44	0.12	991.80	0.83	7.35	13,557.40	187.02		
2021/12/30 02:00	2.31	0.53	20.97	0.18	982.57	0.82	7.25	13,788.30	187.11		
2021/12/30 02:30	1.82	0.54	21.37	0.00	1,001.91	0.86	7.60	13,237.90	186.90		
2021/12/30 03:00	1.35	0.49	20.32	0.00	1,025.28	0.81	6.95	13,853.50	186.91		
2021/12/30 03:30	1.86	0.54	21.76	0.00	994.63	0.87	8.06	12,487.90	186.22		
2021/12/30 04:00					996.41	1.00		11,522.40	186.08		
2021/12/30 04:30	3.22	0.41	20.68	0.00	933.07	0.95	9.13	11,307.20	185.69		
2021/12/30 05:00	28.83	0.29	17.39	9.70	1,003.55	0.79	6.35	14,280.70	184.77		
2021/12/30 05:30	3.77	0.26	20.94	8.56	1,035.23	0.77	6.41	14,483.90	184.78		
2021/12/30 06:00	2.13	0.41	21.84	0.00	990.89	0.85	8.02	13,096.20	186.85		
2021/12/30 06:30	1.79	0.39	22.86	0.27	1,021.08	0.83	7.59	13,989.60	187.59		
2021/12/30 07:00	1.68	0.40	22.99	1.63	1,011.09	0.86	8.14	13,392.90	188.55		
2021/12/30 07:30	2.18	0.41	22.85	0.00	988.34	0.87	8.23	13,417.20	189.11		
2021/12/30 08:00					1,010.31	1.07		11,406.50	188.41		
2021/12/30 08:30	4.59	0.50	20.03	0.00	961.15	0.98	9.11	11,899.10	187.23		
2021/12/30 09:00	1.61	0.45	22.83	0.96	1,022.67	0.88	7.75	13,548.70	186.58		
2021/12/30 09:30	1.66	0.44	19.30	0.97	997.55	0.94	8.35	12,533.10	186.49		
2021/12/30 10:00	1.34	0.44	21.39	0.07	1,031.60	0.89	7.86	13,076.40	186.46		
2021/12/30 10:30	18.60	0.27	19.04	8.07	1,073.03	0.81	6.40	14,347.00	186.17		
2021/12/30 11:00	1.81	0.41	20.80	0.00	1,018.85	0.86	7.44	13,865.80	186.51		
2021/12/30 11:30	1.69	0.41	18.34	0.00	1,002.95	1.06	7.54	13,706.90	186.42		
2021/12/30 12:00					1,031.10	1.02		11,962.80	186.44		
2021/12/30 12:30	1.27	0.40	18.45	0.02	1,044.37	0.81	6.90	14,327.20	186.83		
2021/12/30 13:00	1.12	0.44	19.39	0.00	1,047.41	0.82	7.08	13,948.60	187.12		
2021/12/30 13:30	4.08	0.39	19.96	0.39	1,085.60	0.80	6.69	14,452.10	187.17		
2021/12/30 14:00	1.09	0.44	21.35	0.05	1,042.76	0.83	7.53	13,467.90	187.01		
2021/12/30 14:30	1.50	0.48	20.76	0.00	1,016.29	0.86	7.84	13,242.20	187.19		
2021/12/30 15:00	1.70	0.49	20.75	0.36	1,018.99	0.85	7.69	13,341.40	187.23		
2021/12/30 15:30	2.94	0.47	20.47	8.94	1,033.72	0.91	7.60	13,167.60	187.01		
2021/12/30 16:00					992.11	1.12		11,395.70	186.66		
2021/12/30 16:30	2.27	0.49	23.33	0.87	1,008.61	0.87	7.72	13,550.90	187.11		
2021/12/30 17:00	2.73	0.49	21.67	3.69	988.99	0.88	7.83	13,364.30	187.61		
2021/12/30 17:30	2.31	0.50	23.20	2.21	1,001.46	0.90	8.01	13,146.50	187.69		
2021/12/30 18:00	2.34	0.50	24.43	5.74	1,008.34	0.90	7.53	13,849.40	187.84		
2021/12/30 18:30	1.60	0.44	19.35	2.01	1,047.59	0.86	6.96	14,223.80	187.94		
2021/12/30 19:00	2.66	0.51	22.99	0.00	963.64	0.94	8.94	12,116.30	187.62		
2021/12/30 19:30	1.83	0.47	21.17	0.00	1,019.62	0.83	7.35	13,953.60	187.43		
2021/12/30 20:00					1,026.24	1.05		11,478.30	187.55		
2021/12/30 20:30	2.12	0.48	22.25	0.00	986.89	0.90	8.37	12,727.30	187.48		
2021/12/30 21:00	1.83	0.46	21.21	0.00	1,023.83	0.86	7.65	13,708.90	187.75		
2021/12/30 21:30	1.59	0.49	23.48	0.00	1,009.11	0.88	8.07	13,226.30	187.85		
2021/12/30 22:00	1.95	0.49	23.14	0.00	996.67	0.90	8.25	12,941.90	187.60		
2021/12/30 22:30	2.03	0.50	21.72	0.00	987.47	0.90	8.37	12,749.30	186.95		
2021/12/30 23:00	1.51	0.48	22.83	0.00	1,011.37	0.91	8.15	12,991.80	186.75		
2021/12/30 23:30	1.44	0.46	23.02	0.00	1,002.55	0.89	8.01	13,210.90	186.65		

[동작불량] [전원단절] [보수중] [OL비정상] [OL전원단절] [알람값 초과] [규제값 초과]

측정자료이력(stack #1)

결재	담 당	조 장	팀 장	소 장
	고태진	박재홍	최시영	

- 측정소명 : 경산시 자원회수시설 stack #1 (30분 자료 - 보정후 값)
- 조회기간 : 2021/12/31 00:00 ~ 2021/12/31 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	1.01	0.32	19.86	0.00	952.06	0.61	7.22	11,699.10	184.94		
측정 최대값	3.20	0.75	26.28	1.12	1,063.83	0.98	9.20	14,192.00	188.44		
측정 누적값	64.97	14.95	742.72	4.02	32,229.74	24.67	260.62	416,680	5,972.29		
측정 평균값	2.03	0.47	23.21	0.13	1,007.18	0.77	8.14	13,021.25	186.63		
2021/12/31 00:00					971.75	1.13		10,640.30	186.81		
2021/12/31 00:30	2.52	0.47	21.50	0.00	960.10	0.97	8.87	12,209.10	186.23		
2021/12/31 01:00	1.51	0.39	20.98	0.00	1,027.34	0.87	7.65	13,350.40	184.94		
2021/12/31 01:30	1.85	0.38	22.62	0.00	1,029.89	0.89	7.92	13,221.20	185.65		
2021/12/31 02:00	2.52	0.37	20.77	0.00	953.59	0.98	9.20	11,699.10	185.45		
2021/12/31 02:30	1.53	0.33	23.47	0.00	1,022.44	0.89	7.94	13,196.40	185.12		
2021/12/31 03:00	2.00	0.34	22.65	0.00	996.03	0.91	8.23	12,829.70	185.64		
2021/12/31 03:30	2.34	0.37	24.62	0.00	983.03	0.95	8.67	12,410.50	185.97		
2021/12/31 04:00					1,027.46	1.08		11,230.50	185.50		
2021/12/31 04:30	1.74	0.32	23.55	0.84	1,029.39	0.88	7.65	13,650.90	186.29		
2021/12/31 05:00	2.85	0.36	26.18	1.12	1,016.35	0.90	7.91	13,517.20	187.05		
2021/12/31 05:30	2.43	0.38	24.67	1.06	1,008.15	0.92	8.07	13,282.10	187.33		
2021/12/31 06:00	2.72	0.38	21.25	0.00	952.06	0.96	8.70	12,350.20	187.10		
2021/12/31 06:30	1.65	0.33	19.86	0.67	1,000.58	0.89	7.78	13,409.00	186.37		
2021/12/31 07:00	2.77	0.38	25.42	0.00	974.74	0.94	8.68	12,709.20	186.65		
2021/12/31 07:30	1.79	0.38	24.73	0.09	1,001.00	0.91	8.30	12,935.50	186.79		
2021/12/31 08:00					1,051.43	1.03		12,360.30	187.06		
2021/12/31 08:30	1.01	0.37	21.90	0.24	1,063.83	0.85	7.22	14,192.00	187.70		
2021/12/31 09:00	0.99	3.39	16.76	0.19	1,047.67	0.72	11.11	17,443.40	188.18		
2021/12/31 09:30	45.38	2.80	39.53	17.11	1,027.62	0.64	14.51	18,939.10	188.18		
2021/12/31 10:00	0.04	0.01	4.09	0.80	1,027.23	0.68	20.57	18,757.60	187.52		
2021/12/31 10:30	0.86	0.19	21.03	0.38	1,032.91	0.46	14.50	18,661.00	186.97		
2021/12/31 11:00	0.00	0.00	1.65	0.48	1,023.21	0.46	20.95	18,157.80	186.38		
2021/12/31 11:30	0.00	0.00	1.31	0.37	1,051.24	0.46	20.95	18,105.80	186.24		
2021/12/31 12:00	0.08	0.00	0.61	0.29	1,064.97	0.46	20.95	18,242.60	186.47		
2021/12/31 12:30	0.27	4.59	0.08	0.00	1,073.39	0.46	16.33	17,173.90	185.84		
2021/12/31 13:00	34.14	2.28	62.44	11.32	1,072.85	0.45	8.31	18,101.60	186.02		
2021/12/31 13:30	14.89	2.32	34.38	4.45	1,030.47	0.45	11.21	18,209.30	187.08		
2021/12/31 14:00	2.38	0.54	37.24	0.00	1,052.48	0.52	7.66	16,639.40	187.53		
2021/12/31 14:30	1.97	0.37	22.86	0.00	1,047.49	0.62	7.27	14,149.40	188.16		
2021/12/31 15:00	2.19	0.42	26.28	0.00	1,016.13	0.65	8.02	13,314.90	188.23		
2021/12/31 15:30	2.67	0.45	25.82	0.00	1,016.72	0.63	7.62	13,727.30	188.44		
2021/12/31 16:00					1,002.25	0.74		11,807.00	187.80		
2021/12/31 16:30	3.20	0.67	23.79	0.00	975.92	0.66	8.56	12,431.40	186.71		
2021/12/31 17:00	1.92	0.67	22.84	0.00	1,021.93	0.61	7.73	13,297.70	186.35		
2021/12/31 17:30	1.65	0.70	24.38	0.00	1,030.45	0.63	8.07	12,916.20	186.54		
2021/12/31 18:00	2.15	0.73	25.45	0.00	1,010.65	0.64	8.23	13,073.20	187.00		
2021/12/31 18:30	2.27	0.75	22.74	0.00	992.37	0.67	8.57	12,552.50	187.10		
2021/12/31 19:00	1.67	0.70	22.73	0.00	1,019.79	0.63	7.89	13,032.50	186.35		
2021/12/31 19:30	1.33	0.72	21.09	0.00	1,016.04	0.64	8.32	12,537.00	185.85		
2021/12/31 20:00					965.13	0.80		10,417.10	185.61		
2021/12/31 20:30	1.58	0.43	22.67	0.00	1,027.81	0.62	7.89	13,436.00	185.72		
2021/12/31 21:00	2.11	0.45	23.16	0.00	1,012.87	0.65	8.20	13,077.60	186.62		
2021/12/31 21:30	2.15	0.48	23.39	0.00	1,000.58	0.66	8.15	13,083.10	187.27		
2021/12/31 22:00	1.99	0.47	22.87	0.00	999.27	0.66	8.27	12,707.20	186.88		
2021/12/31 22:30	1.63	0.45	21.35	0.00	1,004.79	0.65	8.14	12,909.80	186.53		
2021/12/31 23:00	1.59	0.46	23.48	0.00	1,016.65	0.66	8.27	12,972.40	186.95		
2021/12/31 23:30	1.67	0.48	23.65	0.00	1,001.76	0.68	8.63	12,499.40	187.31		

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

측정자료이력(stack #1)

결재	담 당	조 장	팀 장	소 장
	김재득		최시영	

- 측정소명 : 경산시 자원회수시설 stack #1 (30분 자료 - 보정후 값)
- 조회기간 : 2022/01/01 00:00 ~ 2022/01/01 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	0.86	0.32	16.96	0.00	941.52	0.59	7.10	12,084.30	183.77		
측정 최대값	3.09	0.59	25.26	0.00	1,057.51	0.74	9.31	13,967.60	188.99		
측정 누적값	78.35	18.91	936.82	0.00	42,082.56	27.60	348.41	547,423	7,863.40		
측정 평균값	1.87	0.45	22.31	0.00	1,001.97	0.66	8.30	13,033.87	187.22		
2022/01/01 00:00					962.36	0.83		10,445.70	187.46		
2022/01/01 00:30	2.02	0.33	23.51	0.00	1,016.64	0.64	7.81	13,523.40	187.03		
2022/01/01 01:00	2.19	0.36	20.58	0.00	974.52	0.68	8.63	12,362.50	186.60		
2022/01/01 01:30	1.32	0.32	22.41	0.00	1,031.38	0.64	7.66	13,626.40	186.89		
2022/01/01 02:00	1.69	0.37	23.47	0.00	1,024.39	0.66	8.04	13,202.70	187.41		
2022/01/01 02:30	1.63	0.36	18.55	0.00	1,010.83	0.68	8.44	12,391.50	187.38		
2022/01/01 03:00	1.50	0.37	21.34	0.00	1,009.99	0.69	8.65	12,084.30	186.56		
2022/01/01 03:30	1.74	0.37	23.53	0.00	1,025.33	0.67	8.25	12,991.60	186.67		
2022/01/01 04:00					1,004.71	0.79		11,534.40	186.73		
2022/01/01 04:30	2.23	0.54	23.97	0.00	984.99	0.69	8.64	12,520.10	186.16		
2022/01/01 05:00	3.08	0.57	24.42	0.00	957.05	0.71	9.07	12,093.00	185.83		
2022/01/01 05:30	2.39	0.54	22.16	0.00	967.41	0.68	8.70	12,345.50	184.86		
2022/01/01 06:00	1.58	0.50	21.58	0.00	1,006.30	0.64	7.97	13,137.70	183.77		
2022/01/01 06:30	1.27	0.50	23.01	0.00	1,023.15	0.65	7.97	13,136.70	184.38		
2022/01/01 07:00	3.08	0.59	24.84	0.00	960.35	0.74	9.31	12,339.20	185.71		
2022/01/01 07:30	2.36	0.55	23.36	0.00	978.53	0.68	8.18	13,866.00	187.04		
2022/01/01 08:00					966.50	0.84		11,266.90	187.37		
2022/01/01 08:30	1.69	0.45	24.16	0.00	991.47	0.72	8.87	12,898.90	187.72		
2022/01/01 09:00	1.20	0.41	23.50	0.00	1,027.19	0.67	8.17	13,710.20	188.08		
2022/01/01 09:30	1.41	0.44	24.16	0.00	1,009.65	0.71	8.79	13,000.90	188.92		
2022/01/01 10:00	2.23	0.41	24.25	0.00	992.47	0.71	9.17	12,435.80	188.99		
2022/01/01 10:30	1.74	0.40	23.53	0.00	1,006.51	0.69	8.68	12,918.60	188.61		
2022/01/01 11:00	1.10	0.37	21.47	0.00	1,040.24	0.64	7.86	13,631.90	187.96		
2022/01/01 11:30	1.93	0.43	20.21	0.00	976.17	0.70	9.10	12,164.70	187.43		
2022/01/01 12:00					980.04	0.81		10,564.80	187.27		
2022/01/01 12:30	1.73	0.44	23.74	0.00	1,002.59	0.66	8.57	13,073.60	187.34		
2022/01/01 13:00	1.55	0.41	25.26	0.00	1,006.93	0.67	8.58	12,988.00	187.84		
2022/01/01 13:30	1.90	0.42	24.82	0.00	1,009.90	0.64	8.42	13,228.50	188.05		
2022/01/01 14:00	1.87	0.41	24.05	0.00	1,022.23	0.64	8.48	13,062.80	188.29		
2022/01/01 14:30	1.70	0.36	21.72	0.00	1,020.83	0.65	8.66	12,707.30	188.24		
2022/01/01 15:00	1.82	0.36	23.49	0.00	1,030.11	0.62	7.98	13,508.70	188.35		
2022/01/01 15:30	1.30	0.35	22.99	0.00	1,026.36	0.63	8.31	12,940.80	188.08		
2022/01/01 16:00					1,041.55	0.73		11,762.80	188.02		
2022/01/01 16:30	0.86	0.41	21.52	0.00	1,057.51	0.61	7.73	13,672.30	188.68		
2022/01/01 17:00	1.37	0.50	22.76	0.00	1,031.13	0.64	8.31	12,685.20	188.31		
2022/01/01 17:30	2.00	0.49	21.42	0.00	993.15	0.65	8.46	12,493.10	187.54		
2022/01/01 18:00	2.55	0.52	24.57	0.00	978.65	0.65	8.39	12,943.70	187.08		
2022/01/01 18:30	2.13	0.48	20.83	0.00	1,003.73	0.62	7.73	13,658.10	186.60		
2022/01/01 19:00	2.70	0.50	21.53	0.00	963.12	0.64	8.18	13,335.20	187.42		
2022/01/01 19:30	2.07	0.48	19.66	0.00	982.89	0.61	7.54	13,967.60	187.87		
2022/01/01 20:00					1,008.23	0.74		12,323.00	188.24		
2022/01/01 20:30	3.09	0.56	20.53	0.00	941.52	0.68	8.93	12,356.60	188.21		
2022/01/01 21:00	1.65	0.49	18.65	0.00	991.15	0.60	7.52	13,626.70	186.85		
2022/01/01 21:30	1.09	0.46	16.96	0.00	1,021.55	0.59	7.10	13,856.30	186.44		
2022/01/01 22:00	2.09	0.52	20.74	0.00	992.57	0.65	8.26	12,758.90	186.68		
2022/01/01 22:30	1.21	0.48	21.02	0.00	1,019.43	0.60	7.38	13,893.00	186.94		
2022/01/01 23:00	2.22	0.54	21.80	0.00	994.90	0.63	7.97	13,200.10	187.11		
2022/01/01 23:30	2.07	0.55	20.75	0.00	977.75	0.63	7.95	13,084.40	187.48		

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