측정자료이력(stack #1)

결재	담 당	조 장	팀 장	소 장
	한국희	이재훈	최세웅	

- 측정소명 : 경산시 자원회수시설 stack #1 (30분 자료 - 보정후 값)
- 조회기간 : 2022/12/31 00:00 ~ 2022/12/31 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	0.87	0.45	14.57	0.00	972.11	0.60	5.96	12,468.10	187.91
측정 최대값	3.18	0.62	22.91	1.94	1,058.95	0.71	8.34	15,442.80	190.09
측정 누적값	70.06	22.56	810.69	2.54	42,403.97	28.06	309.60	577,080	7,929.03
측정 평균값	1.67	0.54	19.30	0.06	1,009.62	0.67	7.37	13,740.00	188.79
2022/12/31 00:00					949.95	0.87		10,557.90	189.13
2022/12/31 00:30	1.62	0.54	18.73	0.00	1,007.20	0.65	7.25	13,874.00	188.67
2022/12/31 01:00	1.81	0.58	20.45	0.00	1,012.65	0.65	7.29	13,780.60	188.58
2022/12/31 01:30	1.75	0.57	17.52	0.00	996.36	0.67	7.54	13,562.30	188.76
2022/12/31 02:00	1.86	0.54	15.91	0.00	992.42	0.65	7.16	14,160.40	188.85
2022/12/31 02:30	1.65	0.55	16.43	0.00	1,001.15	0.64	6.92	14,457.70	189.09
2022/12/31 03:00	2.19	0.60	18.58	0.00	972.22	0.70	7.92	13,238.20	189.07
2022/12/31 03:30	1.14	0.52	22.91	0.00	1,041.71	0.62	6.52	14,777.30	189.24
2022/12/31 04:00					1,042.75	0.82		11,885.00	189.70
2022/12/31 04:30	1.79	0.52	20.19	0.00	1,007.80	0.68	7.51	13,630.60	190.09
2022/12/31 05:00	1.20	0.48	21.48	0.00	1,045.55	0.63	6.69	14,564.70	189.74
2022/12/31 05:30	1.44	0.50	21.16	0.00	1,032.75	0.67	7.16	14,040.00	189.76
2022/12/31 06:00	1.98	0.56	19.72	0.00	985.33	0.70	7.80	13,315.30	189.77
2022/12/31 06:30	1.54	0.46	18.07	0.00	1,016.29	0.67	7.36	13,568.80	188.67
2022/12/31 07:00	1.47	0.47	21.43	0.00	1,018.39	0.68	7.49	13,487.20	188.39
2022/12/31 07:30	1.65	0.49	22.11	0.00	1,000.51	0.68	7.58	13,502.40	188.59
2022/12/31 08:00					1,014.04	0.87		10,877.60	188.76
2022/12/31 08:30	2.05	0.57	20.58	0.00	991.70	0.70	7.97	13,016.20	188.38
2022/12/31 09:00	1.27	0.50	22.48	0.00	1,036.31	0.66	6.95	14,334.20	188.73
2022/12/31 09:30	1.59	0.54	21.28	0.00	1,010.29	0.68	7.49	14,103.90	189.51
2022/12/31 10:00	1.33	0.52	22.19	0.00	1,028.16	0.66	7.00	14,220.80	188.73
2022/12/31 10:30	1.68	0.54	19.99	0.00	1,011.70	0.68	7.66	13,365.30	188.74
2022/12/31 11:00	1.79	0.57	19.86	0.58	1,011.67	0.68	7.61	13,289.90	188.32
2022/12/31 11:30	1.92	0.54	17.56	1.94	993.81	0.69	7.92	12,929.40	188.28
2022/12/31 12:00					1,009.21	0.82		11,395.80	187.92
2022/12/31 12:30	1.56	0.54	19.93	0.00	996.77	0.68	7.87	13,122.10	188.11
2022/12/31 13:00	1.54	0.57	18.46	0.00	1,010.90	0.67	7.63	13,268.80	187.97
2022/12/31 13:30	1.85	0.59	17.38	0.00	998.88	0.66	7.46	13,572.60	187.91
2022/12/31 14:00	2.05	0.57	16.83	0.00	982.43	0.69	7.76	13,240.30	188.00
2022/12/31 14:30	1.42	0.55	18.17	0.00	1,007.29	0.64	6.80	14,409.50	188.39
2022/12/31 15:00	1.58	0.58	15.69	0.00	983.50	0.70	7.95	12,944.10	188.12
2022/12/31 15:30	1.56	0.56	17.75	0.00	997.95	0.68	7.60	13,305.10	188.23
2022/12/31 16:00					990.92	0.83		11,416.20	188.19
2022/12/31 16:30	1.19	0.52	20.92	0.00	1,029.72	0.66	7.04	13,964.20	188.41
2022/12/31 17:00	1.97	0.59	18.72	0.00	995.61	0.68	7.72	13,297.50	188.56
2022/12/31 17:30	2.61	0.62	17.63	0.00	973.87	0.71	8.34	12,468.10	188.26
2022/12/31 18:00	1.32	0.53	21.12	0.00	1,054.19	0.61	6.59	14,487.40	188.37
2022/12/31 18:30	0.87	0.50	22.60	0.00	1,058.95	0.62	6.55	14,615.50	189.08
2022/12/31 19:00	1.24	0.55	20.23	0.00	1,033.57	0.64	6.94	14,352.30	189.12
2022/12/31 19:30	2.25	0.56	14.57	0.00	972.11	0.71	8.26	12,692.60	188.76
2022/12/31 20:00					988.14	0.82		11,633.00	188.85
2022/12/31 20:30	1.24	0.45	19.26	0.02	1,044.88	0.60	5.96	15,442.80	189.31
2022/12/31 21:00	1.89	0.51	16.92	0.00	988.01	0.69	7.76	13,399.30	189.58
2022/12/31 21:30	1.51	0.50	20.16	0.00	1,016.68	0.66	7.11	14,083.90	189.20
2022/12/31 22:00	1.53	0.51	18.98	0.00	1,018.19	0.65	6.83	14,575.10	189.27
2022/12/31 22:30	1.91	0.54	18.19	0.00	993.49	0.71	7.81	13,192.20	189.60
2022/12/31 23:00	3.18	0.57	19.12	0.00	996.05	0.71	7.80	13,286.40	188.54
2022/12/31 23:30	1.07	0.49	19.43	0.00	1,036.96	0.65	7.03	14,141.20	188.28

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

측정자료이력(stack #1)

결재	담 당	조 장	팀 장	소 장
	현장희	이제훈		

- 측정소명 : 경산시 자원회수시설 stack #1 (30분 자료 - 보정후 값)
- 조회기간 : 2023/01/01 00:00 ~ 2023/01/01 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	1.03	0.49	10.12	0.00	894.85	0.58	5.76	11,027.00	185.29
측정 최대값	14.82	0.68	23.05	16.55	1,060.19	0.78	9.55	14,954.00	189.42
측정 누적값	90.57	23.96	760.98	30.93	42,341.57	27.93	314.49	564,330	7,904.21
측정 평균값	2.16	0.57	18.12	0.74	1,008.13	0.67	7.49	13,436.42	188.20
2023/01/01 00:00					991.18	0.84		11,243.50	188.84
2023/01/01 00:30	2.23	0.57	15.54	0.00	984.38	0.71	8.26	12,533.40	187.56
2023/01/01 01:00	1.46	0.53	16.37	0.00	1,019.14	0.67	7.62	13,252.10	186.95
2023/01/01 01:30	1.03	0.50	23.05	0.00	1,060.19	0.63	6.64	14,767.60	188.57
2023/01/01 02:00	1.30	0.53	22.67	0.00	1,041.38	0.63	6.67	14,748.90	189.30
2023/01/01 02:30	1.54	0.57	21.83	0.00	1,029.76	0.66	7.15	13,988.80	189.00
2023/01/01 03:00	1.29	0.55	21.09	4.15	1,043.53	0.64	6.81	14,360.50	188.87
2023/01/01 03:30	1.59	0.58	18.35	0.00	1,010.71	0.69	7.68	13,121.20	188.75
2023/01/01 04:00					1,021.67	0.84		11,377.90	188.51
2023/01/01 04:30	1.86	0.56	20.20	0.00	1,000.53	0.68	7.66	13,536.40	188.74
2023/01/01 05:00	1.74	0.53	18.63	0.00	1,016.35	0.66	7.14	14,057.20	189.08
2023/01/01 05:30	2.99	0.63	18.77	0.00	944.23	0.74	8.74	12,341.70	188.90
2023/01/01 06:00	14.82	0.56	18.38	3.71	1,007.27	0.66	7.14	14,160.40	188.54
2023/01/01 06:30	1.61	0.56	17.04	0.00	1,009.02	0.68	7.64	13,377.40	188.82
2023/01/01 07:00	1.81	0.59	19.38	0.00	1,003.53	0.69	7.70	13,336.70	188.46
2023/01/01 07:30	1.80	0.59	17.03	0.00	999.11	0.69	7.86	13,056.40	187.95
2023/01/01 08:00					974.60	0.85		11,094.90	188.01
2023/01/01 08:30	1.33	0.53	18.45	0.00	1,011.90	0.67	7.40	13,524.50	188.17
2023/01/01 09:00	1.40	0.52	16.29	0.00	1,017.49	0.68	7.58	13,389.10	187.97
2023/01/01 09:30	1.64	0.56	20.65	0.00	1,002.91	0.67	7.72	13,458.90	188.46
2023/01/01 10:00	2.10	0.59	16.14	0.00	984.57	0.71	8.15	12,721.90	188.29
2023/01/01 10:30	1.32	0.49	17.52	0.00	1,018.95	0.67	7.43	13,541.20	188.29
2023/01/01 11:00	1.30	0.49	20.35	0.00	1,032.45	0.65	7.16	14,055.10	188.77
2023/01/01 11:30	2.11	0.53	19.07	0.00	998.67	0.67	7.71	13,284.10	189.06
2023/01/01 12:00					1,006.53	0.83		10,940.20	188.51
2023/01/01 12:30	1.40	0.57	20.15	0.00	1,033.51	0.65	7.41	13,283.30	188.24
2023/01/01 13:00	1.47	0.57	17.86	0.00	1,015.48	0.67	7.77	12,678.00	187.78
2023/01/01 13:30	1.54	0.57	18.46	0.00	1,017.69	0.67	7.86	12,507.00	187.41
2023/01/01 14:00	1.72	0.61	18.63	0.05	1,013.44	0.67	7.79	13,020.00	187.80
2023/01/01 14:30	1.37	0.57	20.21	0.57	1,041.72	0.64	7.17	13,948.90	188.84
2023/01/01 15:00	1.54	0.57	18.98	0.15	1,014.62	0.64	7.25	13,622.40	188.53
2023/01/01 15:30	1.33	0.59	19.06	0.33	1,011.17	0.67	7.80	12,708.10	187.63
2023/01/01 16:00					1,042.81	0.79		11,361.40	187.45
2023/01/01 16:30	1.90	0.57	19.76	0.00	1,002.23	0.68	7.94	12,899.30	187.93
2023/01/01 17:00	1.64	0.54	21.01	0.00	1,020.32	0.64	7.32	13,502.70	188.40
2023/01/01 17:30	1.39	0.54	20.71	0.00	1,022.08	0.63	7.10	13,860.60	188.61
2023/01/01 18:00	1.87	0.59	20.41	0.00	1,001.03	0.64	7.29	13,759.60	188.85
2023/01/01 18:30	1.52	0.60	20.91	0.02	1,031.48	0.62	6.60	14,599.50	189.42
2023/01/01 19:00	2.62	0.67	11.50	0.00	945.53	0.72	8.44	12,103.20	188.67
2023/01/01 19:30	1.90	0.64	13.50	0.95	989.99	0.65	7.39	13,400.20	187.34
2023/01/01 20:00					1,024.83	0.79		11,781.10	187.81
2023/01/01 20:30	1.63	0.57	17.34	3.54	1,004.96	0.64	7.05	14,066.20	189.08
2023/01/01 21:00	3.95	0.68	12.45	0.00	894.85	0.78	9.55	11,027.00	188.17
2023/01/01 21:30	4.90	0.58	10.12	0.13	986.22	0.65	6.90	12,923.50	185.50
2023/01/01 22:00	2.96	0.51	10.15	16.55	1,050.97	0.58	5.76	14,954.00	185.29
2023/01/01 22:30	1.66	0.59	16.01	0.37	1,003.62	0.63	7.21	13,781.00	187.26
2023/01/01 23:00	2.31	0.66	16.76	0.24	991.20	0.68	8.02	12,848.30	187.22
2023/01/01 23:30	1.68	0.61	20.20	0.17	1,013.39	0.63	7.01	14,223.20	187.74

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

측정자료이력(stack #1)

결재	담 당	조 장	팀 장	소 장
	김승원	박재홍	최시훈	

- 측정소명 : 경산시 자원회수시설 stack #1 (30분 자료 - 보정후 값)
- 조회기간 : 2023/01/02 00:00 ~ 2023/01/02 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	1.00	0.45	7.55	0.00	890.65	0.61	6.10	10,245.80	183.96
측정 최대값	4.70	0.67	22.05	2.77	1,054.89	0.77	9.16	15,403.30	190.73
측정 누적값	82.74	23.54	691.72	8.30	41,731.99	28.76	324.55	551,020	7,893.29
측정 평균값	1.97	0.56	16.47	0.20	993.62	0.68	7.73	13,119.53	187.94
2023/01/02 00:00	[redacted]	[redacted]	[redacted]	[redacted]	981.59	0.82	[redacted]	11,176.40	188.16
2023/01/02 00:30	1.64	0.54	12.76	1.07	1,007.49	0.64	7.08	13,843.70	187.89
2023/01/02 01:00	1.03	0.49	21.81	0.54	1,054.45	0.63	6.63	14,807.20	188.40
2023/01/02 01:30	1.34	0.49	17.35	0.00	1,036.12	0.63	6.68	14,702.10	189.61
2023/01/02 02:00	1.19	0.49	19.30	0.61	1,045.21	0.61	6.10	15,392.30	190.38
2023/01/02 02:30	1.00	0.45	21.28	0.84	1,050.06	0.65	6.72	14,521.20	190.73
2023/01/02 03:00	1.85	0.50	19.09	1.50	1,010.85	0.66	7.15	14,279.40	190.23
2023/01/02 03:30	1.63	0.51	20.21	0.65	1,022.27	0.66	7.14	14,052.60	189.35
2023/01/02 04:00	[redacted]	[redacted]	[redacted]	[redacted]	1,040.27	0.83	[redacted]	11,682.90	189.51
2023/01/02 04:30	1.67	0.58	17.16	0.00	983.97	0.70	7.98	13,145.60	189.42
2023/01/02 05:00	1.92	0.58	18.74	0.00	982.83	0.69	7.87	13,326.70	188.73
2023/01/02 05:30	1.63	0.53	20.64	0.01	1,054.89	0.61	6.17	15,403.30	189.04
2023/01/02 06:00	1.46	0.53	17.99	2.77	1,033.50	0.66	7.15	14,033.60	189.82
2023/01/02 06:30	1.85	0.60	19.36	0.00	995.63	0.71	8.15	12,716.20	188.79
2023/01/02 07:00	1.61	0.58	18.37	0.00	1,013.11	0.70	7.94	12,739.10	187.28
2023/01/02 07:30	1.77	0.62	21.05	0.00	1,021.15	0.68	7.62	13,120.40	187.33
2023/01/02 08:00	[redacted]	[redacted]	[redacted]	[redacted]	956.83	0.86	[redacted]	10,697.20	186.97
2023/01/02 08:30	2.91	0.57	15.15	0.00	960.69	0.71	8.23	12,658.00	186.86
2023/01/02 09:00	2.30	0.53	13.12	0.00	976.67	0.68	7.68	13,390.70	187.38
2023/01/02 09:30	2.31	0.54	17.39	0.31	1,003.38	0.69	7.78	13,151.30	187.54
2023/01/02 10:00	2.14	0.54	20.29	0.00	1,005.51	0.67	7.60	13,583.70	187.93
2023/01/02 10:30	2.35	0.56	16.11	0.00	982.29	0.69	7.92	12,957.90	187.79
2023/01/02 11:00	2.70	0.56	11.84	0.00	946.97	0.73	8.62	11,950.20	187.16
2023/01/02 11:30	3.59	0.56	8.46	0.00	890.65	0.77	9.16	10,365.30	185.69
2023/01/02 12:00	[redacted]	[redacted]	[redacted]	[redacted]	885.35	0.90	[redacted]	8,797.15	185.10
2023/01/02 12:30	4.70	0.61	9.34	0.00	922.74	0.75	8.84	10,640.30	184.96
2023/01/02 13:00	3.50	0.66	8.68	0.00	926.54	0.76	9.11	10,245.80	184.67
2023/01/02 13:30	2.78	0.62	8.69	0.00	944.79	0.73	8.45	10,879.00	184.24
2023/01/02 14:00	2.33	0.65	10.83	0.00	977.18	0.72	8.39	10,909.80	184.09
2023/01/02 14:30	2.84	0.67	7.55	0.00	943.67	0.73	8.93	10,568.70	183.96
2023/01/02 15:00	1.00	0.56	22.05	0.00	1,042.25	0.62	6.79	14,122.40	186.12
2023/01/02 15:30	1.42	0.60	16.93	0.00	1,014.39	0.68	7.83	12,807.00	186.83
2023/01/02 16:00	[redacted]	[redacted]	[redacted]	[redacted]	998.41	0.84	[redacted]	10,603.90	187.15
2023/01/02 16:30	1.77	0.59	11.17	0.00	978.86	0.71	8.46	11,909.50	186.52
2023/01/02 17:00	1.36	0.58	16.39	0.00	1,016.89	0.68	7.86	12,729.20	187.02
2023/01/02 17:30	1.27	0.53	21.17	0.00	1,019.80	0.65	7.37	13,529.40	187.93
2023/01/02 18:00	1.65	0.50	19.35	0.00	1,023.25	0.64	7.13	14,021.10	188.68
2023/01/02 18:30	1.45	0.51	17.97	0.00	1,016.23	0.67	7.57	13,480.00	189.16
2023/01/02 19:00	1.74	0.55	17.65	0.00	991.29	0.69	7.88	13,300.00	189.21
2023/01/02 19:30	3.01	0.62	13.94	0.00	932.67	0.76	9.09	11,683.90	188.29
2023/01/02 20:00	[redacted]	[redacted]	[redacted]	[redacted]	1,006.15	0.83	[redacted]	11,595.40	188.26
2023/01/02 20:30	1.80	0.55	17.59	0.00	989.62	0.68	7.69	13,572.70	189.01
2023/01/02 21:00	1.64	0.56	17.69	0.00	988.89	0.69	7.80	13,390.70	189.11
2023/01/02 21:30	1.37	0.52	19.48	0.00	1,007.80	0.64	6.88	14,654.20	188.54
2023/01/02 22:00	1.51	0.55	20.47	0.00	1,002.71	0.66	7.13	14,442.50	189.52
2023/01/02 22:30	1.72	0.57	17.40	0.00	991.09	0.69	7.61	13,810.60	189.75
2023/01/02 23:00	1.71	0.57	16.40	0.00	975.89	0.70	7.78	13,602.20	189.40
2023/01/02 23:30	2.28	0.62	13.51	0.00	947.75	0.74	8.59	12,580.60	188.93

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