측정자료이력(stack #1)

결재	담 당	조 장	팀 장	소 장
	김지수	정성보	최시영	

- 측정소명 : 경산시 자원회수시설 stack #1 (30분 자료 - 보정후 값)
- 조회기간 : 2023/01/21 00:00 ~ 2023/01/21 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	0.91	0.35	16.42	0.00	951.27	0.61	6.06	12,172.10	185.93		
측정 최대값	16.65	0.69	25.36	0.01	1,074.37	0.76	8.62	15,429.80	188.70		
측정 누적값	146.07	21.51	842.18	0.01	42,229.38	28.41	309.85	581,128	7,887.53		
측정 평균값	3.48	0.51	20.05	0.00	1,005.46	0.68	7.38	13,836.38	187.80		
2023/01/21 00:00	[redacted]	[redacted]	[redacted]	[redacted]	997.20	0.84	[redacted]	11,718.40	188.25		
2023/01/21 00:30	16.65	0.47	17.93	0.00	1,016.12	0.69	7.56	13,714.00	188.41		
2023/01/21 01:00	1.69	0.49	21.04	0.00	1,025.32	0.65	6.96	14,405.00	188.70		
2023/01/21 01:30	2.61	0.53	18.20	0.00	976.75	0.70	7.82	13,613.70	188.39		
2023/01/21 02:00	2.50	0.52	17.99	0.00	968.67	0.70	7.83	13,601.90	188.35		
2023/01/21 02:30	12.09	0.49	19.16	0.00	1,002.44	0.70	7.53	13,885.00	188.48		
2023/01/21 03:00	2.74	0.53	20.57	0.00	975.88	0.71	7.82	13,591.50	188.32		
2023/01/21 03:30	2.64	0.52	19.19	0.00	951.27	0.70	8.00	13,456.00	187.80		
2023/01/21 04:00	[redacted]	[redacted]	[redacted]	[redacted]	1,048.76	0.85	[redacted]	11,517.50	187.90		
2023/01/21 04:30	1.49	0.52	21.40	0.00	1,012.95	0.68	7.40	13,989.90	188.60		
2023/01/21 05:00	1.31	0.48	22.96	0.00	1,044.59	0.66	6.87	14,559.30	188.27		
2023/01/21 05:30	9.00	0.51	17.38	0.00	1,004.01	0.76	8.12	13,148.60	188.55		
2023/01/21 06:00	2.36	0.53	20.05	0.00	961.78	0.72	8.05	13,139.50	187.55		
2023/01/21 06:30	1.58	0.43	20.35	0.00	1,020.72	0.67	7.18	13,999.90	185.93		
2023/01/21 07:00	1.92	0.42	17.19	0.00	989.66	0.68	7.59	13,778.90	187.01		
2023/01/21 07:30	2.09	0.40	17.89	0.00	994.23	0.68	7.27	14,555.20	187.84		
2023/01/21 08:00	[redacted]	[redacted]	[redacted]	[redacted]	1,003.93	0.88	[redacted]	11,616.10	188.24		
2023/01/21 08:30	1.57	0.36	18.57	0.00	1,018.58	0.66	6.77	14,561.60	188.03		
2023/01/21 09:00	1.71	0.38	25.36	0.00	1,026.19	0.66	6.97	14,424.00	187.75		
2023/01/21 09:30	2.32	0.40	20.05	0.00	1,011.84	0.69	7.55	13,513.60	188.02		
2023/01/21 10:00	1.73	0.35	23.87	0.00	1,054.95	0.62	6.06	15,429.80	188.29		
2023/01/21 10:30	1.40	0.37	21.89	0.00	1,040.05	0.65	6.72	14,631.20	188.32		
2023/01/21 11:00	1.68	0.42	19.09	0.00	1,007.62	0.67	7.13	13,955.80	187.96		
2023/01/21 11:30	2.19	0.44	17.22	0.00	977.43	0.71	7.92	13,251.70	187.83		
2023/01/21 12:00	[redacted]	[redacted]	[redacted]	[redacted]	1,006.60	0.82	[redacted]	11,995.80	187.80		
2023/01/21 12:30	1.21	0.60	19.68	0.00	1,021.57	0.64	6.81	14,390.50	188.09		
2023/01/21 13:00	12.41	0.59	19.23	0.00	1,031.79	0.63	6.61	14,509.00	188.09		
2023/01/21 13:30	1.35	0.62	18.88	0.00	1,027.31	0.64	6.87	14,107.00	187.80		
2023/01/21 14:00	1.82	0.69	16.59	0.00	981.99	0.70	8.24	12,578.60	187.37		
2023/01/21 14:30	1.70	0.68	20.03	0.00	1,010.05	0.66	7.38	13,418.50	186.89		
2023/01/21 15:00	0.91	0.60	23.15	0.00	1,074.37	0.61	6.28	14,933.10	187.81		
2023/01/21 15:30	1.84	0.69	20.75	0.00	994.92	0.70	8.00	12,981.80	188.22		
2023/01/21 16:00	[redacted]	[redacted]	[redacted]	[redacted]	982.11	0.84	[redacted]	11,027.20	187.09		
2023/01/21 16:30	0.98	0.45	23.24	0.00	1,057.89	0.62	6.51	14,582.10	186.88		
2023/01/21 17:00	1.39	0.50	20.73	0.00	1,030.55	0.63	6.76	14,332.40	188.09		
2023/01/21 17:30	2.08	0.54	20.48	0.00	988.81	0.70	8.10	12,921.80	188.04		
2023/01/21 18:00	9.03	0.53	18.35	0.00	996.16	0.68	7.58	13,621.40	187.57		
2023/01/21 18:30	1.17	0.51	20.47	0.00	1,033.02	0.63	6.58	14,630.00	188.01		
2023/01/21 19:00	2.54	0.59	16.42	0.00	960.17	0.74	8.62	12,172.10	187.41		
2023/01/21 19:30	1.85	0.55	21.99	0.00	1,020.95	0.66	7.41	13,638.40	186.49		
2023/01/21 20:00	[redacted]	[redacted]	[redacted]	[redacted]	1,032.01	0.80	[redacted]	12,510.50	187.54		
2023/01/21 20:30	2.20	0.51	19.29	0.00	992.45	0.69	7.61	13,512.00	188.33		
2023/01/21 21:00	2.32	0.52	20.38	0.00	1,007.92	0.68	7.50	13,594.30	187.55		
2023/01/21 21:30	6.03	0.56	21.81	0.00	956.75	0.70	7.88	13,303.50	187.45		
2023/01/21 22:00	3.54	0.54	21.14	0.00	996.93	0.66	7.10	14,132.70	187.49		
2023/01/21 22:30	13.61	0.53	20.42	0.01	1,018.83	0.67	7.09	14,115.10	187.56		
2023/01/21 23:00	2.69	0.60	23.04	0.00	966.11	0.72	8.18	12,959.10	187.35		
2023/01/21 23:30	2.13	0.55	18.76	0.00	979.79	0.69	7.62	13,488.50	186.64		

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

측정자료이력(stack #1)

결재	담 당	조 장	팀 장	소 장
	전학규	이수원	최시영	

- 측정소명 : 경산시 자원회수시설 stack #1 (30분 자료 - 보정후 값)
- 조회기간 : 2023/01/22 00:00 ~ 2023/01/22 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	0.81	0.48	15.56	0.00	933.78	0.59	6.21	12,793.60	186.00
측정 최대값	20.33	0.64	22.02	0.02	1,049.31	0.72	8.44	15,356.40	189.32
측정 누적값	108.24	23.07	801.40	0.02	41,848.70	27.89	310.44	585,119	7,895.93
측정 평균값	2.58	0.55	19.08	0.00	996.40	0.66	7.39	13,931.39	188.00
2023/01/22 00:00					1,029.29	0.87		11,014.60	186.88
2023/01/22 00:30	4.67	0.57	19.46	0.00	971.81	0.69	7.74	13,309.20	186.76
2023/01/22 01:00	2.05	0.53	21.02	0.00	1,004.91	0.67	7.42	13,811.20	186.48
2023/01/22 01:30	1.93	0.54	19.44	0.00	1,001.18	0.69	7.55	13,594.70	187.17
2023/01/22 02:00	1.49	0.52	18.93	0.00	1,033.82	0.67	7.30	13,739.70	187.21
2023/01/22 02:30	2.50	0.58	18.47	0.00	985.65	0.71	7.95	13,108.90	187.02
2023/01/22 03:00	4.36	0.57	20.85	0.00	983.55	0.71	7.79	13,452.30	187.33
2023/01/22 03:30	11.77	0.54	18.82	0.00	981.68	0.69	7.52	13,698.20	187.54
2023/01/22 04:00					1,041.63	0.83		11,896.50	187.35
2023/01/22 04:30	2.14	0.50	20.37	0.00	1,005.20	0.68	7.51	13,602.40	187.75
2023/01/22 05:00	1.77	0.49	20.68	0.00	1,018.48	0.66	7.12	14,147.50	187.77
2023/01/22 05:30	2.15	0.51	18.93	0.00	996.67	0.71	7.90	13,151.30	187.52
2023/01/22 06:00	1.82	0.48	19.95	0.00	998.73	0.66	7.08	14,244.30	187.56
2023/01/22 06:30	2.00	0.49	17.60	0.00	988.79	0.67	7.41	14,015.00	187.66
2023/01/22 07:00	1.96	0.52	22.02	0.00	1,001.10	0.68	7.46	14,011.80	188.29
2023/01/22 07:30	2.91	0.54	21.22	0.00	955.32	0.72	8.14	13,304.20	187.98
2023/01/22 08:00					1,009.60	0.84		11,869.50	187.87
2023/01/22 08:30	1.48	0.51	17.79	0.00	984.80	0.69	7.71	13,261.80	186.95
2023/01/22 09:00	1.68	0.54	17.86	0.00	997.51	0.71	8.05	12,843.00	186.00
2023/01/22 09:30	1.42	0.54	19.22	0.00	996.75	0.68	7.74	13,441.10	186.14
2023/01/22 10:00	1.57	0.51	17.69	0.00	998.07	0.66	7.35	14,270.10	187.59
2023/01/22 10:30	1.48	0.51	19.39	0.00	1,011.20	0.62	6.67	14,973.70	187.81
2023/01/22 11:00	2.56	0.56	16.13	0.00	939.34	0.71	8.29	13,001.70	187.81
2023/01/22 11:30	1.69	0.54	17.88	0.00	983.70	0.65	7.19	14,273.90	188.24
2023/01/22 12:00					1,016.50	0.81		11,970.70	188.77
2023/01/22 12:30	1.47	0.55	21.05	0.00	1,014.59	0.65	7.16	14,299.90	188.97
2023/01/22 13:00	2.74	0.64	18.72	0.00	944.89	0.71	8.44	12,793.60	188.24
2023/01/22 13:30	0.81	0.51	19.61	0.00	1,049.31	0.59	6.21	15,356.40	187.80
2023/01/22 14:00	1.63	0.58	17.87	0.00	994.17	0.66	7.53	13,882.30	188.74
2023/01/22 14:30	1.08	0.57	20.26	0.00	1,019.69	0.62	6.91	14,556.60	188.74
2023/01/22 15:00	1.62	0.59	18.14	0.00	1,000.77	0.65	7.36	13,988.40	188.70
2023/01/22 15:30	1.82	0.60	17.50	0.00	974.53	0.64	7.32	14,133.80	188.95
2023/01/22 16:00					943.40	0.81		11,437.00	188.68
2023/01/22 16:30	2.44	0.56	16.72	0.00	981.31	0.63	7.11	14,223.80	187.78
2023/01/22 17:00	2.05	0.55	18.68	0.00	999.97	0.63	7.10	14,402.70	188.29
2023/01/22 17:30	1.64	0.57	17.96	0.00	987.10	0.64	7.24	14,265.40	189.02
2023/01/22 18:00	1.56	0.58	15.56	0.00	983.73	0.64	7.11	14,547.50	189.03
2023/01/22 18:30	2.72	0.63	15.75	0.00	933.78	0.71	8.38	12,911.90	188.86
2023/01/22 19:00	1.23	0.56	21.27	0.00	1,014.09	0.61	6.64	14,797.00	188.32
2023/01/22 19:30	1.56	0.58	16.69	0.00	992.35	0.65	7.30	14,079.80	188.55
2023/01/22 20:00					1,045.57	0.79		12,183.30	189.19
2023/01/22 20:30	1.55	0.54	20.00	0.00	1,011.04	0.64	7.09	14,337.80	189.19
2023/01/22 21:00	20.33	0.49	18.30	0.02	1,035.09	0.64	6.79	14,556.70	189.03
2023/01/22 21:30	1.16	0.55	21.69	0.00	1,024.88	0.64	6.82	14,617.80	189.32
2023/01/22 22:00	1.92	0.64	18.39	0.00	984.77	0.69	7.93	13,086.40	188.12
2023/01/22 22:30	1.32	0.60	21.40	0.00	1,003.53	0.66	7.57	13,655.40	187.80
2023/01/22 23:00	0.96	0.53	21.67	0.00	1,041.44	0.61	6.42	15,077.30	188.74
2023/01/22 23:30	1.23	0.56	20.45	0.00	1,019.41	0.65	7.12	14,292.00	189.16

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

측정자료이력(stack #1)

결재	담당	조장	팀장	소장
	홍학수	이덕현		

- 측정소명 : 경산시 자원회수시설 stack #1 (30분 자료 - 보정후 값)
- 조회기간 : 2023/01/23 00:00 ~ 2023/01/23 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	0.71	0.47	12.97	0.00	960.28	0.61	6.61	12,713.60	186.34
측정 최대값	17.99	0.64	23.05	0.04	1,049.29	0.74	8.58	15,018.90	189.89
측정 누적값	93.35	23.22	772.39	0.06	42,182.15	27.30	312.79	582,927	7,916.12
측정 평균값	2.22	0.55	18.39	0.00	1,004.34	0.65	7.45	13,879.20	188.48
2023/01/23 00:00	[redacted]	[redacted]	[redacted]	[redacted]	1,032.85	0.82	[redacted]	11,379.00	188.46
2023/01/23 00:30	2.91	0.53	17.12	0.00	1,005.39	0.65	7.37	13,745.60	188.16
2023/01/23 01:00	1.69	0.54	22.30	0.00	1,011.17	0.65	7.33	14,196.50	188.43
2023/01/23 01:30	1.87	0.52	23.05	0.00	1,032.45	0.62	6.61	14,840.00	188.66
2023/01/23 02:00	1.98	0.56	17.72	0.00	1,009.74	0.66	7.32	14,106.10	188.88
2023/01/23 02:30	2.77	0.59	18.83	0.00	960.28	0.69	7.78	13,694.10	188.66
2023/01/23 03:00	1.91	0.57	18.50	0.00	989.11	0.67	7.45	14,248.50	188.62
2023/01/23 03:30	1.81	0.56	18.67	0.00	994.40	0.65	7.14	14,433.10	189.00
2023/01/23 04:00	[redacted]	[redacted]	[redacted]	[redacted]	1,025.13	0.80	[redacted]	12,835.20	189.26
2023/01/23 04:30	1.19	0.47	19.61	0.00	1,023.85	0.64	6.75	15,018.90	189.73
2023/01/23 05:00	1.21	0.49	17.76	0.00	1,020.72	0.65	6.98	14,679.50	189.89
2023/01/23 05:30	1.98	0.57	16.63	0.00	975.64	0.74	8.58	12,713.60	189.06
2023/01/23 06:00	17.99	0.47	17.86	0.02	1,032.47	0.66	7.23	14,117.70	188.32
2023/01/23 06:30	12.35	0.48	19.22	0.04	1,049.29	0.65	6.96	14,626.60	188.75
2023/01/23 07:00	1.32	0.52	20.40	0.00	1,023.57	0.67	7.45	13,993.00	189.10
2023/01/23 07:30	0.80	0.48	20.51	0.00	1,041.87	0.64	7.10	14,099.70	188.46
2023/01/23 08:00	[redacted]	[redacted]	[redacted]	[redacted]	976.89	0.88	[redacted]	10,392.10	187.80
2023/01/23 08:30	1.61	0.55	16.35	0.00	976.66	0.68	8.07	12,902.50	186.98
2023/01/23 09:00	1.70	0.55	14.99	0.00	965.33	0.68	8.05	13,002.50	186.34
2023/01/23 09:30	1.15	0.52	14.13	0.00	990.19	0.67	7.65	13,598.50	186.60
2023/01/23 10:00	1.03	0.54	15.92	0.00	1,006.77	0.65	7.32	13,929.80	187.03
2023/01/23 10:30	0.75	0.51	20.89	0.00	1,037.26	0.61	6.80	14,757.40	188.04
2023/01/23 11:00	1.10	0.53	18.20	0.00	992.77	0.65	7.67	13,791.10	188.83
2023/01/23 11:30	0.81	0.49	19.42	0.00	1,019.60	0.64	7.11	14,231.10	188.78
2023/01/23 12:00	[redacted]	[redacted]	[redacted]	[redacted]	967.12	0.83	[redacted]	11,256.10	188.65
2023/01/23 12:30	1.51	0.56	16.08	0.00	975.26	0.66	7.72	13,685.00	188.80
2023/01/23 13:00	1.63	0.58	16.29	0.00	966.09	0.66	8.09	13,256.50	188.71
2023/01/23 13:30	1.15	0.55	15.81	0.00	1,000.02	0.63	7.19	14,213.40	188.84
2023/01/23 14:00	1.14	0.58	15.89	0.00	994.76	0.65	7.71	13,332.40	188.44
2023/01/23 14:30	1.03	0.58	18.16	0.00	1,011.87	0.65	7.89	13,262.40	188.35
2023/01/23 15:00	1.18	0.60	20.13	0.00	1,004.56	0.64	7.59	13,692.50	188.55
2023/01/23 15:30	0.76	0.58	21.97	0.00	1,025.73	0.63	7.56	13,565.20	188.74
2023/01/23 16:00	[redacted]	[redacted]	[redacted]	[redacted]	971.25	0.80	[redacted]	11,282.40	188.50
2023/01/23 16:30	0.71	0.55	22.32	0.00	1,016.36	0.62	7.16	14,110.10	188.71
2023/01/23 17:00	0.98	0.57	17.51	0.00	1,031.09	0.64	7.65	13,388.90	189.06
2023/01/23 17:30	1.32	0.62	18.08	0.00	981.65	0.66	7.97	13,144.60	188.39
2023/01/23 18:00	0.72	0.57	21.77	0.00	1,013.91	0.63	7.27	13,946.10	188.30
2023/01/23 18:30	1.13	0.60	19.62	0.00	987.97	0.65	7.66	13,640.60	188.97
2023/01/23 19:00	1.19	0.57	19.77	0.00	1,011.46	0.61	6.82	14,702.50	188.92
2023/01/23 19:30	2.44	0.64	15.49	0.00	964.58	0.68	8.07	13,198.70	188.98
2023/01/23 20:00	[redacted]	[redacted]	[redacted]	[redacted]	1,017.34	0.80	[redacted]	11,449.00	188.56
2023/01/23 20:30	1.62	0.54	20.60	0.00	1,010.42	0.61	6.84	14,746.90	188.97
2023/01/23 21:00	2.38	0.61	15.20	0.00	964.88	0.67	8.15	13,173.70	189.26
2023/01/23 21:30	4.41	0.59	12.97	0.00	978.16	0.65	7.70	13,442.20	188.56
2023/01/23 22:00	1.70	0.60	18.80	0.00	993.51	0.65	7.61	13,529.20	187.49
2023/01/23 22:30	1.45	0.58	18.65	0.00	1,011.71	0.63	7.21	13,876.20	187.74
2023/01/23 23:00	1.12	0.56	19.32	0.00	1,044.86	0.63	7.06	13,978.40	187.92
2023/01/23 23:30	3.85	0.55	19.88	0.00	1,034.77	0.63	7.15	14,315.30	188.10

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