측정자료이력(stack #1)

결재	담 당	조 장	팀 장	소 장
	황성원	이재근	최서영	

- 측정소명 : 경산시 자원회수시설 stack #1 (30분 자료 - 보정후 값)
- 조회기간 : 2022/11/13 00:00 ~ 2022/11/13 23:55

측정항목코드	C0b	HCL	NOX	SO2	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	0.69	1.19	10.27	0.00	943.53	0.51	5.76	12,061.20	187.72
측정 최대값	29.30	1.66	24.79	0.68	1,103.30	0.67	8.97	16,224.20	189.92
측정 누적값	172.52	58.54	795.19	3.91	42,772.09	23.74	291.65	612,557	7,944.92
측정 평균값	4.11	1.39	18.93	0.09	1,018.38	0.57	6.94	14,584.68	189.16
2022/11/13 00:00	[redacted]	[redacted]	[redacted]	[redacted]	973.32	0.72	[redacted]	11,375.80	189.12
2022/11/13 00:30	1.82	1.54	20.44	0.00	1,005.83	0.55	7.14	14,487.50	189.59
2022/11/13 01:00	2.29	1.53	19.39	0.00	970.41	0.58	7.68	13,876.90	189.79
2022/11/13 01:30	1.48	1.34	20.42	0.03	1,032.90	0.55	6.86	14,542.30	189.25
2022/11/13 02:00	2.11	1.58	20.42	0.00	989.25	0.59	7.91	13,505.70	189.40
2022/11/13 02:30	2.04	1.54	21.90	0.00	1,005.41	0.55	7.05	14,583.30	189.39
2022/11/13 03:00	1.96	1.51	18.05	0.00	994.03	0.57	7.54	13,883.90	189.27
2022/11/13 03:30	1.90	1.55	16.79	0.00	998.92	0.55	7.00	14,656.30	189.67
2022/11/13 04:00	[redacted]	[redacted]	[redacted]	[redacted]	984.75	0.71	[redacted]	11,739.20	189.69
2022/11/13 04:30	2.12	1.50	15.66	0.00	974.13	0.56	7.26	14,340.30	189.54
2022/11/13 05:00	2.61	1.63	14.46	0.00	968.00	0.61	8.08	13,163.70	189.01
2022/11/13 05:30	23.41	1.23	18.56	0.38	1,058.55	0.51	5.81	15,461.70	188.99
2022/11/13 06:00	1.90	1.33	20.17	0.00	1,022.36	0.56	7.21	14,237.10	189.36
2022/11/13 06:30	1.50	1.39	19.29	0.00	1,027.84	0.54	6.72	14,630.00	189.47
2022/11/13 07:00	1.80	1.41	19.98	0.00	1,002.26	0.56	7.18	14,314.60	189.27
2022/11/13 07:30	1.91	1.30	17.19	0.00	1,013.61	0.53	6.53	14,957.50	189.52
2022/11/13 08:00	[redacted]	[redacted]	[redacted]	[redacted]	1,002.49	0.71	[redacted]	12,234.00	189.32
2022/11/13 08:30	1.63	1.31	20.16	0.00	1,010.65	0.54	6.74	14,861.70	188.77
2022/11/13 09:00	2.48	1.25	15.58	0.00	1,000.34	0.53	6.49	15,263.70	189.48
2022/11/13 09:30	1.71	1.19	16.67	0.00	1,006.27	0.53	6.20	15,616.30	189.76
2022/11/13 10:00	2.04	1.30	14.02	0.00	983.99	0.56	6.84	14,733.30	189.54
2022/11/13 10:30	2.97	1.25	18.10	0.00	1,013.85	0.53	6.21	15,402.30	189.48
2022/11/13 11:00	1.89	1.27	17.42	0.00	1,013.99	0.55	6.43	15,311.80	189.53
2022/11/13 11:30	1.27	1.26	20.28	0.00	1,042.53	0.54	5.99	15,720.00	189.92
2022/11/13 12:00	[redacted]	[redacted]	[redacted]	[redacted]	975.35	0.77	[redacted]	10,946.20	189.24
2022/11/13 12:30	17.42	1.39	17.13	0.17	1,017.44	0.54	6.10	15,567.50	188.98
2022/11/13 13:00	2.89	1.52	20.84	0.00	999.66	0.59	7.32	14,312.80	189.36
2022/11/13 13:30	1.63	1.52	20.22	0.01	996.89	0.59	7.21	14,434.30	189.52
2022/11/13 14:00	1.94	1.37	17.28	0.58	1,033.75	0.52	5.76	16,224.20	189.84
2022/11/13 14:30	1.55	1.56	14.80	0.00	984.84	0.58	7.36	14,220.40	189.72
2022/11/13 15:00	19.30	1.43	20.40	0.51	1,033.67	0.54	6.02	15,715.20	189.56
2022/11/13 15:30	2.66	1.66	19.14	0.00	971.65	0.60	7.59	14,207.70	189.55
2022/11/13 16:00	[redacted]	[redacted]	[redacted]	[redacted]	945.07	0.76	[redacted]	10,993.60	188.94
2022/11/13 16:30	2.31	1.36	19.27	0.16	1,030.21	0.57	6.98	14,516.80	189.00
2022/11/13 17:00	2.36	1.49	20.67	0.00	990.72	0.62	8.05	13,282.70	189.11
2022/11/13 17:30	29.30	1.41	18.89	0.41	996.49	0.59	6.88	14,441.20	188.54
2022/11/13 18:00	16.10	1.21	21.83	0.68	1,084.87	0.54	5.98	15,749.50	188.37
2022/11/13 18:30	1.09	1.36	24.76	0.00	1,068.11	0.58	7.17	14,163.70	188.83
2022/11/13 19:00	1.22	1.39	20.02	0.00	1,038.16	0.60	7.56	13,640.60	188.02
2022/11/13 19:30	2.57	1.56	10.27	0.00	943.53	0.67	8.97	12,061.20	187.72
2022/11/13 20:00	[redacted]	[redacted]	[redacted]	[redacted]	1,036.24	0.72	[redacted]	11,859.30	187.76
2022/11/13 20:30	1.45	1.31	17.14	0.00	1,037.77	0.57	6.80	14,737.60	188.36
2022/11/13 21:00	1.24	1.24	19.28	0.06	1,069.91	0.55	6.24	15,311.70	188.53
2022/11/13 21:30	1.12	1.35	20.21	0.04	1,047.46	0.60	7.48	13,753.90	187.98
2022/11/13 22:00	0.69	1.20	24.79	0.47	1,103.30	0.53	5.93	15,824.60	188.71
2022/11/13 22:30	0.98	1.35	19.91	0.01	1,047.31	0.61	7.43	13,952.30	189.40
2022/11/13 23:00	0.90	1.28	19.48	0.19	1,080.30	0.56	6.53	14,824.90	189.14
2022/11/13 23:30	0.96	1.37	23.91	0.21	1,060.93	0.60	7.42	14,063.80	188.68

[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 : 2022/11/14 00:00 ~ 2022/11/14 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	0.94	1.19	8.45	0.00	913.00	0.52	5.97	12,447.90	184.23
측정 최대값	19.21	1.82	23.87	0.37	1,083.58	0.69	8.89	15,756.40	189.51
측정 누적값	118.75	62.49	658.87	0.90	41,924.45	25.65	315.04	588,942	7,875.34
측정 평균값	2.83	1.49	15.69	0.02	998.20	0.61	7.50	14,022.43	187.51
2022/11/14 00:00					1,072.52	0.75		12,001.10	189.26
2022/11/14 00:30	2.02	1.31	19.85	0.00	1,015.79	0.61	7.51	14,151.70	189.51
2022/11/14 01:00	1.29	1.29	18.96	0.00	1,044.05	0.60	7.26	14,243.80	188.71
2022/11/14 01:30	19.21	1.19	23.87	0.37	1,071.32	0.56	6.20	15,606.00	188.86
2022/11/14 02:00	1.52	1.33	22.82	0.00	1,050.31	0.61	7.52	13,974.40	189.22
2022/11/14 02:30	1.62	1.44	21.89	0.00	1,019.82	0.63	7.92	13,607.30	189.14
2022/11/14 03:00	2.64	1.56	15.50	0.00	958.00	0.69	8.89	12,534.30	188.26
2022/11/14 03:30	1.85	1.35	22.37	0.00	1,029.23	0.60	7.20	14,613.50	188.48
2022/11/14 04:00					1,008.30	0.78		11,296.30	188.39
2022/11/14 04:30	3.23	1.42	19.98	0.00	1,050.53	0.60	7.05	14,439.70	187.92
2022/11/14 05:00	2.32	1.61	20.48	0.00	1,006.10	0.65	8.28	13,180.40	187.76
2022/11/14 05:30	2.21	1.53	19.32	0.02	1,023.99	0.61	7.36	14,050.10	187.53
2022/11/14 06:00	1.25	1.54	17.50	0.00	1,032.75	0.62	7.78	13,601.40	187.41
2022/11/14 06:30	1.33	1.54	19.63	0.07	1,039.77	0.62	7.54	13,912.90	187.75
2022/11/14 07:00	1.27	1.52	22.76	0.13	1,058.72	0.60	7.23	14,434.30	187.62
2022/11/14 07:30	5.65	1.58	18.92	0.04	1,031.89	0.63	7.82	13,763.30	187.90
2022/11/14 08:00					1,056.57	0.74		12,598.80	188.38
2022/11/14 08:30	2.09	1.40	17.15	0.00	980.92	0.65	8.10	13,382.30	188.20
2022/11/14 09:00	4.09	1.44	17.90	0.08	976.14	0.66	8.14	13,094.60	187.37
2022/11/14 09:30	2.56	1.45	17.98	0.00	974.16	0.65	8.37	13,075.60	187.04
2022/11/14 10:00	2.01	1.35	16.43	0.00	997.87	0.60	7.39	14,416.50	187.40
2022/11/14 10:30	2.71	1.40	15.91	0.00	955.47	0.63	7.95	13,624.90	186.83
2022/11/14 11:00	2.28	1.38	12.47	0.00	961.60	0.63	8.11	13,162.50	186.08
2022/11/14 11:30	2.60	1.35	13.42	0.00	947.15	0.62	8.01	13,341.30	185.46
2022/11/14 12:00					966.51	0.77		10,558.20	183.94
2022/11/14 12:30	2.44	1.76	11.81	0.00	944.68	0.62	8.06	13,129.60	184.26
2022/11/14 13:00	1.08	1.48	12.26	0.00	1,039.94	0.53	6.05	15,300.80	185.75
2022/11/14 13:30	14.38	1.53	16.10	0.11	1,031.52	0.57	6.74	14,688.40	186.03
2022/11/14 14:00	2.73	1.70	17.66	0.00	976.19	0.60	7.91	13,876.50	184.23
2022/11/14 14:30	1.74	1.49	11.43	0.00	1,035.77	0.55	6.64	14,967.80	185.40
2022/11/14 15:00	1.12	1.48	18.30	0.00	1,051.28	0.54	6.47	15,330.80	187.18
2022/11/14 15:30	1.13	1.44	19.59	0.00	1,083.58	0.52	5.97	15,756.40	187.08
2022/11/14 16:00					985.80	0.77		11,225.00	188.45
2022/11/14 16:30	4.38	1.70	14.22	0.07	980.29	0.62	8.10	13,501.10	188.42
2022/11/14 17:00	2.94	1.76	15.05	0.00	939.97	0.63	8.28	13,528.50	188.95
2022/11/14 17:30	2.54	1.75	11.94	0.00	924.08	0.64	8.32	13,504.20	188.64
2022/11/14 18:00	2.75	1.82	14.32	0.00	913.00	0.66	8.50	13,228.20	187.23
2022/11/14 18:30	1.57	1.60	11.25	0.00	993.38	0.57	6.85	14,785.10	187.23
2022/11/14 19:00	1.43	1.65	9.68	0.00	976.71	0.62	7.49	13,902.00	187.97
2022/11/14 19:30	0.94	1.53	14.88	0.01	1,027.97	0.56	6.47	14,769.30	187.11
2022/11/14 20:00					1,000.43	0.79		11,427.20	187.71
2022/11/14 20:30	2.02	1.44	8.71	0.00	930.60	0.66	8.19	13,145.90	188.04
2022/11/14 21:00	1.61	1.43	9.67	0.00	967.15	0.64	7.76	13,347.70	187.36
2022/11/14 21:30	2.58	1.57	9.47	0.00	917.94	0.69	8.70	12,447.90	187.17
2022/11/14 22:00	2.02	1.30	9.77	0.00	1,009.52	0.55	6.03	15,685.80	187.76
2022/11/14 22:30	1.11	1.35	8.45	0.00	985.09	0.60	6.91	14,673.90	188.58
2022/11/14 23:00	1.22	1.32	9.80	0.00	994.03	0.59	6.66	14,964.60	188.37
2022/11/14 23:30	1.27	1.41	9.40	0.00	976.18	0.62	7.31	14,196.80	188.13

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

측정자료이력(stack #1)

결재	담 당	조 장	팀 장	소 장
	김승원	백재홍	최시훈	

- 측정소명 : 경산시 자원회수시설 stack #1 (30분 자료 - 보정후 값)
- 조회기간 : 2022/11/15 00:00 ~ 2022/11/16 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	0.93	1.04	6.98	0.00	939.97	0.53	4.95	13,172.60	186.45	
측정 최대값	28.19	1.74	20.39	0.13	1,059.89	0.66	8.12	16,740.20	189.21	
측정 누적값	143.44	56.38	534.70	0.37	41,992.59	25.29	290.37	614,811	7,889.61	
측정 평균값	3.42	1.34	12.73	0.01	999.82	0.60	6.91	14,638.36	187.85	
2022/11/15 00:00	[redacted]				995.01	0.79	[redacted]	11,678.00	188.48	
2022/11/15 00:30	1.43	1.11	10.13	0.00	984.85	0.60	6.89	14,705.30	188.19	
2022/11/15 01:00	1.71	1.13	11.81	0.00	998.13	0.61	7.18	14,339.90	188.13	
2022/11/15 01:30	2.10	1.22	9.29	0.00	939.97	0.66	8.12	13,172.60	187.46	
2022/11/15 02:00	7.48	1.16	8.69	0.03	968.65	0.63	7.41	14,132.00	186.65	
2022/11/15 02:30	1.24	1.11	9.00	0.00	1,005.53	0.59	6.57	14,827.90	187.10	
2022/11/15 03:00	0.93	1.14	8.33	0.00	1,011.51	0.60	6.89	14,235.40	186.95	
2022/11/15 03:30	1.22	1.19	7.72	0.00	982.15	0.64	7.83	13,251.20	186.45	
2022/11/15 04:00	[redacted]				993.42	0.77	[redacted]	12,016.20	187.13	
2022/11/15 04:30	1.11	1.12	9.69	0.00	1,027.96	0.57	6.29	15,348.90	187.81	
2022/11/15 05:00	1.79	1.28	7.54	0.00	945.49	0.66	8.04	13,226.90	187.47	
2022/11/15 05:30	1.18	1.23	8.80	0.00	996.39	0.62	7.13	14,061.00	186.78	
2022/11/15 06:00	1.28	1.19	9.24	0.00	999.84	0.61	7.06	14,477.30	187.22	
2022/11/15 06:30	1.64	1.27	9.19	0.00	957.92	0.65	7.83	13,524.50	187.30	
2022/11/15 07:00	1.91	1.21	8.65	0.00	976.13	0.63	7.25	14,389.00	187.26	
2022/11/15 07:30	1.98	1.19	8.76	0.00	983.63	0.61	6.76	15,106.10	187.86	
2022/11/15 08:00	[redacted]				961.05	0.79	[redacted]	12,099.90	188.03	
2022/11/15 08:30	4.37	1.17	6.98	0.00	959.59	0.63	7.21	14,374.70	187.58	
2022/11/15 09:00	2.74	1.05	8.23	0.00	1,038.41	0.56	5.91	15,628.70	187.51	
2022/11/15 09:30	10.73	1.04	10.88	0.00	1,025.34	0.58	6.44	15,087.30	187.88	
2022/11/15 10:00	1.62	1.08	14.06	0.00	996.01	0.60	7.01	14,572.20	188.10	
2022/11/15 10:30	2.45	1.19	9.03	0.00	944.78	0.66	8.09	13,181.90	187.65	
2022/11/15 11:00	2.47	1.13	9.06	0.00	990.59	0.59	6.99	14,564.80	187.47	
2022/11/15 11:30	1.69	1.08	9.79	0.00	1,010.43	0.58	6.59	14,679.40	187.56	
2022/11/15 12:00	[redacted]				1,010.17	0.77	[redacted]	11,673.10	187.30	
2022/11/15 12:30	1.21	1.64	16.17	0.00	1,017.71	0.58	6.68	14,891.20	187.62	
2022/11/15 13:00	1.47	1.73	17.24	0.00	1,010.13	0.61	7.20	14,121.10	188.19	
2022/11/15 13:30	1.01	1.61	19.91	0.00	1,046.50	0.57	6.31	15,193.10	188.21	
2022/11/15 14:00	1.74	1.74	17.17	0.00	1,014.11	0.61	7.40	13,711.90	188.01	
2022/11/15 14:30	1.49	1.63	20.11	0.00	1,025.91	0.58	6.69	15,209.20	188.65	
2022/11/15 15:00	1.78	1.68	15.59	0.00	1,011.55	0.62	7.60	13,565.60	188.18	
2022/11/15 15:30	1.39	1.58	17.41	0.00	1,024.72	0.60	7.01	14,346.50	188.13	
2022/11/15 16:00	[redacted]				984.41	0.77	[redacted]	11,391.50	187.30	
2022/11/15 16:30	1.97	1.73	20.39	0.00	991.56	0.62	7.88	13,544.90	187.71	
2022/11/15 17:00	6.15	1.61	18.49	0.00	1,009.55	0.59	7.00	14,600.50	188.75	
2022/11/15 17:30	15.49	1.55	16.07	0.02	1,021.11	0.56	6.13	15,714.50	188.96	
2022/11/15 18:00	3.12	1.62	13.79	0.04	1,019.31	0.59	6.68	15,043.30	188.72	
2022/11/15 18:30	1.31	1.67	13.61	0.00	995.09	0.59	6.66	15,284.60	188.93	
2022/11/15 19:00	4.75	1.58	12.18	0.00	1,018.73	0.57	6.02	15,941.60	189.21	
2022/11/15 19:30	1.61	1.70	10.28	0.00	966.92	0.62	6.97	14,429.00	188.55	
2022/11/15 20:00	[redacted]				982.25	0.76	[redacted]	12,372.60	187.93	
2022/11/15 20:30	28.19	1.13	10.89	0.13	1,059.89	0.53	4.95	16,740.20	188.36	
2022/11/15 21:00	1.20	1.34	18.28	0.00	1,012.32	0.60	6.75	15,126.70	188.54	
2022/11/15 21:30	2.58	1.28	15.78	0.00	1,011.41	0.58	6.34	15,604.70	188.16	
2022/11/15 22:00	10.42	1.31	16.54	0.08	999.20	0.59	6.55	15,359.20	187.65	
2022/11/15 22:30	1.32	1.32	18.03	0.00	1,000.00	0.59	6.59	15,361.20	187.58	
2022/11/15 23:00	1.05	1.31	17.01	0.00	1,004.82	0.60	6.53	15,269.40	187.81	
2022/11/15 23:30	1.12	1.33	14.89	0.07	988.75	0.61	6.94	14,865.90	187.31	

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