측정자료이력(stack #1)

결재	담 당	조 장	팀 장	소 장
	황성원	이석현	최시영	

- 측정소명 : 경산시 자원회수시설 stack #1 (30분 자료 - 보정후 값)
- 조회기간 : 2020/01/23 00:00 ~ 2020/01/23 23:55

측정항목코드	COb	HCL	NOX	SO2	TM1	TSP	O2b	FL1	IRS
측정항목단위	PPM	PPM	PPM	PPM	DEG	Mgm	% O	SM3	DEG
측정 규제값	0-50	0-15	0-70	0-30	0-16,000	0-20	0-12	0-100,000	0-100
측정 최소값	0.51	0.57	15.16	0.00	990.60	0.49	6.77	10,906.00	36.51
측정 최대값	8.67	0.89	25.09	10.47	1,088.27	0.64	9.26	14,104.80	36.53
측정 누적값	67.12	28.48	855.47	20.82	42,819.90	23.13	324.59	521,644	1,497.37
측정 평균값	1.64	0.69	20.87	0.51	1,044.39	0.56	7.92	12,723.02	36.52
2020/01/23 00:00	[redacted]	[redacted]	[redacted]	[redacted]	1,077.83	0.69	[redacted]	11,558.20	36.52
2020/01/23 00:30	1.30	0.84	22.08	0.00	1,053.37	0.64	9.05	11,381.70	36.52
2020/01/23 01:00	0.89	0.67	20.92	0.00	1,040.30	0.59	7.85	12,866.80	36.52
2020/01/23 01:30	0.54	0.63	21.39	0.00	1,063.23	0.58	7.79	12,911.90	36.51
2020/01/23 02:00	1.21	0.68	24.55	0.00	1,052.75	0.61	8.35	12,269.40	36.52
2020/01/23 02:30	1.29	0.68	23.19	0.00	1,050.81	0.58	7.90	12,810.70	36.52
2020/01/23 03:00	0.77	0.70	20.30	0.00	1,068.97	0.57	7.70	12,864.00	36.52
2020/01/23 03:30	1.12	0.68	22.34	0.00	1,035.55	0.60	8.03	12,717.90	36.52
2020/01/23 04:00	[redacted]	[redacted]	[redacted]	[redacted]	1,041.97	0.72	[redacted]	10,722.60	36.52
2020/01/23 04:30	0.79	0.73	20.00	0.00	1,072.82	0.58	7.53	12,986.80	36.53
2020/01/23 05:00	2.49	0.64	19.63	0.73	1,040.28	0.58	7.73	12,924.10	36.53
2020/01/23 05:30	1.27	0.73	21.63	0.29	1,061.82	0.61	8.58	11,938.90	36.53
2020/01/23 06:00	1.08	0.65	19.59	0.00	1,053.42	0.57	7.71	13,081.70	36.53
2020/01/23 06:30	0.66	0.63	19.50	0.00	1,077.43	0.54	6.78	14,104.80	36.52
2020/01/23 07:00	0.51	0.65	21.57	0.00	1,088.27	0.58	7.78	12,804.20	36.52
2020/01/23 07:30	1.02	0.69	22.20	0.00	1,054.83	0.59	8.04	12,929.40	36.52
2020/01/23 08:00	[redacted]	[redacted]	[redacted]	[redacted]	1,073.88	0.72	[redacted]	10,915.50	36.52
2020/01/23 08:30	0.59	0.73	22.07	0.00	1,080.77	0.59	7.64	13,219.00	36.51
2020/01/23 09:00	0.95	0.65	25.09	0.00	1,052.83	0.60	8.22	12,770.80	36.53
2020/01/23 09:30	1.37	0.67	22.48	0.00	1,036.62	0.60	8.17	12,828.60	36.52
2020/01/23 10:00	1.78	0.64	21.83	0.00	1,013.85	0.62	8.36	12,658.70	36.52
2020/01/23 10:30	1.91	0.67	21.89	0.13	1,021.91	0.61	8.35	12,550.30	36.52
2020/01/23 11:00	1.61	0.58	21.78	0.01	1,043.57	0.56	7.64	13,143.00	36.52
2020/01/23 11:30	1.34	0.60	23.72	0.05	1,043.31	0.54	7.23	13,508.30	36.53
2020/01/23 12:00	[redacted]	[redacted]	[redacted]	[redacted]	1,059.77	0.66	[redacted]	11,437.50	36.52
2020/01/23 12:30	1.06	0.75	18.44	0.00	1,070.48	0.49	6.77	13,238.50	36.51
2020/01/23 13:00	8.67	0.64	15.80	0.00	1,053.41	0.52	7.30	12,398.20	36.52
2020/01/23 13:30	2.07	0.74	20.38	1.11	1,014.47	0.55	8.64	12,020.20	36.52
2020/01/23 14:00	2.71	0.89	17.44	10.47	990.60	0.59	9.26	10,906.00	36.52
2020/01/23 14:30	1.64	0.75	22.34	0.11	1,020.17	0.53	7.94	12,676.30	36.52
2020/01/23 15:00	1.42	0.67	21.42	0.00	1,038.40	0.49	7.20	13,260.80	36.53
2020/01/23 15:30	1.43	0.64	19.88	0.00	1,038.69	0.51	7.72	12,769.10	36.52
2020/01/23 16:00	[redacted]	[redacted]	[redacted]	[redacted]	1,040.95	0.65	[redacted]	10,433.90	36.53
2020/01/23 16:30	1.97	0.88	21.61	0.49	1,012.37	0.53	8.10	12,701.80	36.53
2020/01/23 17:00	4.14	0.81	18.69	3.03	1,041.68	0.52	7.70	12,790.30	36.52
2020/01/23 17:30	3.20	0.71	19.57	0.05	1,006.71	0.53	8.02	12,645.80	36.53
2020/01/23 18:00	1.83	0.79	18.48	2.60	1,024.17	0.52	7.78	12,893.50	36.52
2020/01/23 18:30	0.96	0.72	19.44	0.31	1,067.90	0.51	7.16	13,897.60	36.52
2020/01/23 19:00	2.36	0.71	20.30	0.00	996.65	0.58	8.78	11,979.10	36.52
2020/01/23 19:30	2.06	0.73	15.16	0.06	1,009.82	0.55	8.27	12,228.50	36.52
2020/01/23 20:00	[redacted]	[redacted]	[redacted]	[redacted]	1,023.83	0.64	[redacted]	11,006.20	36.52
2020/01/23 20:30	0.74	0.75	21.24	0.28	1,077.06	0.51	7.01	13,774.30	36.51
2020/01/23 21:00	1.24	0.64	22.31	0.00	1,045.87	0.58	8.18	12,210.90	36.52
2020/01/23 21:30	1.05	0.57	20.38	0.00	1,050.81	0.57	8.20	12,108.40	36.52
2020/01/23 22:00	1.22	0.64	22.50	0.00	1,062.56	0.58	8.49	11,963.70	36.52
2020/01/23 22:30	1.38	0.64	21.97	0.00	1,041.54	0.57	8.00	12,714.60	36.52
2020/01/23 23:00	1.48	0.67	20.37	1.10	1,049.83	0.56	7.64	13,195.20	36.52

[교정중/불량] [동작불량] [전원단절] [보수중] [DL비정상] [DL전원단절] [알람값 초과] [규제값 초과]

측정자료이력(stack #1)

결재	담 당	조 장	팀 장	소 장
	김정수	이재근	최시영	

- 측정소명 : 경산시 자원회수시설 stack #1 (30분 자료 - 보정후 값)
- 조회기간 : 2020/01/24 00:00 ~ 2020/01/24 23:55

측정항목코드	COb	HCL	NOX	SO2	TM1	TSP	O2b	FL1	TMP
측정항목단위	PPM	PPM	PPM	PPM	DEG	Mgm	% O	SM3	DEG
측정 규제값	0-50	0-15	0-70	0-30	0-16,000	0-20	0-12	0-100,000	0-300
측정 최소값	0.93	0.55	13.58	0.00	1,004.55	0.50	6.98	11,286.50	185.09
측정 최대값	14.96	0.80	23.56	1.84	1,075.99	0.67	9.46	13,913.80	187.97
측정 누적값	66.44	13.57	413.32	5.54	40,734.54	22.18	314.11	488,630	7,284.62
측정 평균값	3.16	0.65	19.68	0.26	1,044.48	0.57	8.05	12,528.96	186.79
2020/01/24 00:00	2.21	1.57	30.51	7.43	1,054.13	0.74	[illegible]	9,813.54	186.92
2020/01/24 00:30	4.42	1.08	23.09	0.00	967.24	0.80	[illegible]	8,839.67	186.04
2020/01/24 01:00	2.45	1.91	28.81	1.70	1,043.92	0.68	[illegible]	10,842.90	184.79
2020/01/24 01:30	3.03	1.35	29.85	0.00	1,004.55	0.65	8.72	11,340.50	185.09
2020/01/24 02:00	2.17	1.46	30.46	0.09	1,035.70	0.71	[illegible]	10,738.80	184.78
2020/01/24 02:30	1.60	1.23	32.13	1.04	1,061.80	0.56	7.21	13,600.10	185.57
2020/01/24 03:00	1.92	1.08	31.29	0.00	1,051.83	0.59	7.88	12,924.60	186.35
2020/01/24 03:30	2.41	0.96	30.16	0.00	1,038.35	0.61	8.36	12,281.60	186.37
2020/01/24 04:00	2.34	0.90	30.95	0.24	1,034.43	0.70	[illegible]	11,063.20	186.08
2020/01/24 04:30	3.65	1.03	30.67	0.00	1,007.47	0.67	9.46	11,286.50	186.23
2020/01/24 05:00	1.81	0.98	32.04	0.41	1,035.61	0.58	7.39	13,279.80	186.09
2020/01/24 05:30	2.72	0.90	28.10	0.00	1,022.49	0.65	9.02	11,671.90	186.09
2020/01/24 06:00	2.76	0.88	31.46	0.00	1,015.12	0.61	8.32	12,447.80	186.16
2020/01/24 06:30	2.54	0.89	33.79	0.00	1,021.54	0.60	8.08	12,684.40	186.30
2020/01/24 07:00	2.06	0.88	33.40	0.00	1,035.73	0.60	7.96	12,734.70	186.59
2020/01/24 07:30	1.74	0.93	33.16	0.08	1,070.29	0.59	7.63	13,014.90	187.04
2020/01/24 08:00	1.66	1.13	29.76	0.00	1,040.65	0.72	[illegible]	10,980.90	186.89
2020/01/24 08:30	1.01	1.03	33.54	0.00	1,074.80	0.58	7.53	13,130.90	186.93
2020/01/24 09:00	0.97	0.93	28.87	0.00	1,071.78	0.61	8.27	12,139.40	187.06
2020/01/24 09:30	0.86	0.87	28.63	0.00	1,056.18	0.57	7.79	12,748.10	186.93
2020/01/24 10:00	1.01	0.85	29.30	0.00	1,054.90	0.57	7.82	12,828.40	186.80
2020/01/24 10:30	1.11	0.88	29.57	0.00	1,071.91	0.58	7.79	12,755.90	187.09
2020/01/24 11:00	1.96	0.94	31.10	0.71	1,070.09	0.55	7.47	13,122.40	186.81
2020/01/24 11:30	1.73	0.94	30.61	0.00	1,049.44	0.60	8.43	12,148.80	187.05
2020/01/24 12:00	2.57	0.92	26.33	0.00	1,020.65	0.70	[illegible]	10,200.80	187.03
2020/01/24 12:30	14.96	0.71	14.89	1.84	1,041.83	0.52	7.42	12,979.90	186.51
2020/01/24 13:00	2.07	0.69	19.08	0.00	1,036.85	0.58	8.87	11,510.40	186.68
2020/01/24 13:30	4.20	0.60	21.06	0.60	1,043.95	0.54	7.99	12,403.80	186.71
2020/01/24 14:00	2.05	0.66	21.96	0.00	1,045.73	0.53	7.90	12,808.10	187.12
2020/01/24 14:30	0.93	0.66	21.21	0.00	1,075.99	0.51	7.41	13,307.70	187.97
2020/01/24 15:00	1.30	0.66	19.02	0.00	1,035.46	0.55	8.20	12,202.70	187.32
2020/01/24 15:30	1.49	0.66	20.14	0.00	1,052.64	0.53	8.04	12,449.20	187.10
2020/01/24 16:00	[illegible]	[illegible]	[illegible]	[illegible]	1,061.11	0.62	[illegible]	11,216.70	187.48
2020/01/24 16:30	1.45	0.80	20.82	0.00	1,049.48	0.57	8.98	11,372.60	187.08
2020/01/24 17:00	1.40	0.63	19.43	0.00	1,021.29	0.52	7.89	12,613.40	187.00
2020/01/24 17:30	1.49	0.61	18.39	0.00	1,049.01	0.56	8.26	12,374.20	187.32
2020/01/24 18:00	1.11	0.56	20.27	0.00	1,029.74	0.56	7.81	12,941.30	187.34
2020/01/24 18:30	1.52	0.61	21.66	0.00	1,034.28	0.60	8.87	11,788.80	187.60
2020/01/24 19:00	1.32	0.59	19.09	0.00	1,034.05	0.54	8.01	12,645.30	187.67
2020/01/24 19:30	2.65	0.55	21.83	0.07	1,049.03	0.51	7.11	13,778.60	187.70
2020/01/24 20:00	[illegible]	[illegible]	[illegible]	[illegible]	1,045.20	0.66	[illegible]	9,695.36	187.13
2020/01/24 20:30	1.94	0.66	13.58	0.00	1,052.97	0.50	7.39	12,413.70	185.17
2020/01/24 21:00	14.60	0.58	17.47	0.96	1,069.87	0.50	6.98	13,913.80	186.19
2020/01/24 21:30	4.46	0.60	18.90	0.29	1,074.72	0.52	7.73	12,798.50	186.95
2020/01/24 22:00	1.05	0.57	19.43	0.00	1,073.64	0.53	7.59	13,027.20	187.34
2020/01/24 22:30	1.71	0.69	19.02	0.93	1,026.83	0.57	8.61	12,073.40	187.35
2020/01/24 23:00	2.21	0.73	23.56	0.85	1,013.57	0.58	8.87	11,664.20	187.22
2020/01/24 23:30	2.53	0.75	22.51	0.00	1,009.73	0.59	9.05	11,422.00	186.73

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

측정자료이력(stack #1)

결재	담 당	조 장	팀 장	소 장
	김정수	이재훈	최시영	

- 측정소명 : 경산시 자원회수시설 stack #1 (30분 자료 - 보정후 값)
- 조회기간 : 2020/01/25 00:00 ~ 2020/01/25 23:55

측정항목코드	C0b	HCL	NOX	S02	TM1	TSP	02b	FL1	TMP
측정항목단위	PPM	PPM	PPM	PPM	DEG	Mgm	% 0	SM3	DEG
측정 규제값	0-50	0-15	0-70	0-30	0-16,000	0-20	0-12	0-100,000	0-300
측정 최소값	0.99	0.42	16.40	0.00	967.26	0.51	6.65	10,553.40	185.81
측정 최대값	24.79	0.98	28.64	8.16	1,067.33	0.69	10.26	14,025.10	188.45
측정 누적값	157.51	30.93	937.28	38.11	43,362.75	23.73	352.87	513,680	7,867.10
측정 평균값	3.75	0.74	22.32	0.91	1,032.45	0.56	8.40	12,230.48	187.31
2020/01/25 00:00	[redacted]	[redacted]	[redacted]	[redacted]	1,069.24	0.68	[redacted]	10,161.90	186.60
2020/01/25 00:30	1.92	0.85	20.85	0.00	1,026.11	0.59	9.05	11,438.60	186.84
2020/01/25 01:00	1.95	0.71	21.90	0.00	1,014.93	0.59	9.07	11,411.70	186.91
2020/01/25 01:30	2.60	0.73	22.18	0.16	1,018.16	0.57	8.71	11,985.90	186.71
2020/01/25 02:00	2.61	0.78	23.63	2.97	1,017.35	0.54	8.06	12,634.70	187.52
2020/01/25 02:30	3.16	0.82	24.39	0.00	1,004.21	0.62	9.61	10,847.70	187.10
2020/01/25 03:00	2.20	0.75	24.30	0.00	1,021.57	0.55	8.21	12,253.40	185.81
2020/01/25 03:30	2.13	0.83	23.28	0.45	1,026.14	0.55	8.34	12,150.90	186.09
2020/01/25 04:00	[redacted]	[redacted]	[redacted]	[redacted]	1,038.56	0.64	[redacted]	11,546.10	187.51
2020/01/25 04:30	2.27	0.81	22.26	0.00	1,016.36	0.59	8.96	11,846.30	187.81
2020/01/25 05:00	1.79	0.59	25.12	0.00	1,031.33	0.55	8.19	12,691.10	187.66
2020/01/25 05:30	1.28	0.54	21.18	0.00	1,051.76	0.52	7.35	13,615.00	187.81
2020/01/25 06:00	2.80	0.60	20.62	0.00	1,010.93	0.63	9.27	11,312.00	187.24
2020/01/25 06:30	4.42	0.48	16.69	0.00	1,033.73	0.59	8.35	12,537.80	186.63
2020/01/25 07:00	19.88	0.42	17.43	1.46	1,051.13	0.52	6.65	14,025.10	186.74
2020/01/25 07:30	2.87	0.60	22.42	0.00	1,024.96	0.69	10.26	10,553.40	187.06
2020/01/25 08:00	[redacted]	[redacted]	[redacted]	[redacted]	1,037.43	0.72	[redacted]	10,078.10	186.14
2020/01/25 08:30	15.19	0.76	22.14	0.47	1,022.03	0.58	8.25	12,427.60	186.06
2020/01/25 09:00	1.36	0.71	20.21	0.00	1,062.21	0.56	7.68	13,092.40	187.22
2020/01/25 09:30	1.39	0.68	22.84	0.00	1,049.02	0.58	8.21	12,444.80	187.85
2020/01/25 10:00	1.73	0.68	20.24	0.00	1,032.43	0.61	8.97	11,307.60	186.90
2020/01/25 10:30	1.36	0.68	22.01	0.69	1,062.97	0.56	8.29	12,090.50	187.06
2020/01/25 11:00	1.57	0.67	21.79	0.00	1,045.62	0.54	8.01	12,698.80	187.61
2020/01/25 11:30	1.34	0.66	23.04	0.00	1,055.34	0.54	7.92	12,753.80	187.98
2020/01/25 12:00	[redacted]	[redacted]	[redacted]	[redacted]	1,049.91	0.67	[redacted]	11,057.90	188.07
2020/01/25 12:30	1.76	0.84	20.35	0.31	1,059.55	0.54	8.21	12,282.30	188.21
2020/01/25 13:00	2.52	0.73	21.35	0.00	1,017.31	0.56	8.68	11,861.30	187.98
2020/01/25 13:30	1.45	0.69	20.64	0.00	1,036.92	0.54	8.23	12,247.80	187.63
2020/01/25 14:00	0.99	0.67	21.83	0.00	1,067.33	0.51	7.60	13,092.10	188.12
2020/01/25 14:30	1.50	0.74	22.99	0.00	1,048.35	0.55	8.35	12,256.30	188.44
2020/01/25 15:00	1.19	0.72	20.71	0.00	1,056.55	0.53	7.90	12,595.90	188.44
2020/01/25 15:30	24.79	0.69	16.40	7.55	1,029.54	0.54	7.89	12,375.20	187.80
2020/01/25 16:00	[redacted]	[redacted]	[redacted]	[redacted]	1,051.17	0.70	[redacted]	9,393.51	187.73
2020/01/25 16:30	1.49	0.81	19.87	0.00	1,037.45	0.52	7.98	12,817.40	188.09
2020/01/25 17:00	2.57	0.85	23.01	0.00	1,013.47	0.57	9.02	11,541.60	187.76
2020/01/25 17:30	1.16	0.77	21.40	0.28	1,061.39	0.52	7.72	13,267.00	188.34
2020/01/25 18:00	1.40	0.78	21.95	0.68	1,049.56	0.57	8.16	12,421.70	188.14
2020/01/25 18:30	2.16	0.88	24.04	0.43	1,038.39	0.61	9.10	11,550.80	187.83
2020/01/25 19:00	1.63	0.83	24.43	0.00	1,049.46	0.55	8.22	12,599.70	188.18
2020/01/25 19:30	1.70	0.88	24.32	0.00	1,032.41	0.56	8.34	12,516.30	188.45
2020/01/25 20:00	[redacted]	[redacted]	[redacted]	[redacted]	1,016.42	0.64	[redacted]	10,876.70	187.63
2020/01/25 20:30	3.82	0.98	22.81	0.81	1,002.25	0.62	9.65	11,020.30	187.43
2020/01/25 21:00	16.51	0.77	21.54	5.48	1,015.79	0.57	8.41	11,888.10	186.77
2020/01/25 21:30	4.65	0.83	28.64	8.16	967.26	0.63	9.45	11,300.90	186.06
2020/01/25 22:00	2.56	0.85	27.07	0.15	1,019.28	0.53	7.57	13,415.40	186.23
2020/01/25 22:30	2.71	0.80	25.27	0.00	1,030.51	0.57	8.83	11,634.90	186.49
2020/01/25 23:00	3.18	0.74	25.98	0.00	1,017.67	0.55	8.48	12,168.70	186.04
2020/01/25 23:30	1.95	0.73	24.16	8.06	1,034.02	0.52	7.67	12,707.20	186.06

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