측정자료이력(stack #1)

결재	담 당	조 장	팀 장	소 장
	황성원	이석범		

- 측정소명 : 경산시 자원회수시설 stack #1 (30분 자료 - 보정후 값)
- 조회기간 : 2019/11/12 00:00 ~ 2019/11/12 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	1.47	0.44	8.50	0.00	976.81	0.42	5.60	12,065.20	36.36
측정 최대값	52.86	0.90	16.64	2.58	1,083.27	0.54	8.63	15,592.20	36.40
측정 누적값	529.35	26.98	498.76	9.27	42,327.84	19.18	275.65	582,065	1,455.00
측정 평균값	12.91	0.66	12.16	0.23	1,032.39	0.47	6.72	14,196.72	36.38
2019/11/12 00:00	[redacted]	[redacted]	[redacted]	[redacted]	1,050.49	0.59	[redacted]	11,704.00	36.36
2019/11/12 00:30	1.80	0.68	12.84	0.00	1,038.38	0.47	6.89	13,874.10	36.36
2019/11/12 01:00	6.61	0.58	11.11	0.00	1,030.45	0.47	6.91	13,991.80	36.36
2019/11/12 01:30	3.75	0.55	10.61	0.00	1,029.06	0.47	6.99	13,858.80	36.36
2019/11/12 02:00	4.88	0.55	10.39	0.00	1,024.15	0.47	6.98	14,046.90	36.36
2019/11/12 02:30	11.91	0.54	10.08	0.00	1,034.15	0.46	6.41	14,643.70	36.36
2019/11/12 03:00	6.50	0.56	10.85	0.00	1,019.09	0.48	6.89	14,078.00	36.36
2019/11/12 03:30	11.55	0.52	11.22	0.00	1,054.90	0.46	6.14	15,064.80	36.36
2019/11/12 04:00	[redacted]	[redacted]	[redacted]	[redacted]	1,115.57	0.59	[redacted]	13,305.00	[redacted]
2019/11/12 04:30	34.08	0.80	11.64	2.20	1,081.07	0.46	5.76	15,050.70	36.36
2019/11/12 05:00	1.68	0.74	12.12	0.00	976.81	0.54	8.51	12,415.10	36.36
2019/11/12 05:30	2.27	0.62	15.32	0.00	981.74	0.54	8.63	12,065.20	[redacted]
2019/11/12 06:00	1.49	0.63	15.59	0.00	1,003.25	0.51	7.73	13,117.50	36.36
2019/11/12 06:30	2.48	0.67	14.63	0.00	1,021.29	0.49	7.27	13,374.50	36.37
2019/11/12 07:00	1.56	0.70	15.96	0.00	1,019.22	0.49	7.10	13,746.40	36.38
2019/11/12 07:30	25.36	0.65	16.64	2.58	1,069.65	0.44	5.60	15,592.20	36.37
2019/11/12 08:00	[redacted]	[redacted]	[redacted]	[redacted]	1,092.15	0.58	[redacted]	12,775.20	36.36
2019/11/12 08:30	4.29	0.63	13.01	0.07	1,081.99	0.45	6.00	14,920.70	36.36
2019/11/12 09:00	1.47	0.61	13.50	0.00	995.38	0.51	7.81	12,797.20	36.36
2019/11/12 09:30	1.74	0.54	14.80	0.00	992.33	0.51	8.05	12,466.00	36.36
2019/11/12 10:00	7.52	0.49	14.34	0.00	1,070.31	0.45	6.13	14,899.00	36.37
2019/11/12 10:30	11.75	0.57	11.01	0.00	1,034.47	0.47	6.83	14,083.90	36.37
2019/11/12 11:00	4.17	0.56	11.17	0.00	1,004.58	0.47	7.10	13,991.10	36.37
2019/11/12 11:30	52.86	0.44	8.50	0.08	1,042.31	0.44	5.92	15,009.40	36.37
2019/11/12 12:00	[redacted]	[redacted]	[redacted]	[redacted]	1,038.57	0.59	[redacted]	11,867.40	36.36
2019/11/12 12:30	3.42	0.78	11.50	0.00	1,009.35	0.46	6.92	13,945.70	36.36
2019/11/12 13:00	10.48	0.70	10.94	0.00	991.67	0.47	7.12	13,761.10	36.36
2019/11/12 13:30	41.61	0.61	12.65	0.00	1,039.29	0.43	5.89	15,118.30	36.36
2019/11/12 14:00	4.61	0.71	10.95	0.00	1,059.50	0.43	5.70	15,406.20	36.36
2019/11/12 14:30	14.16	0.71	11.31	0.00	1,061.37	0.44	6.03	14,932.80	36.36
2019/11/12 15:00	29.78	0.71	9.35	0.00	1,064.18	0.42	5.87	15,046.60	36.37
2019/11/12 15:30	3.42	0.78	9.24	0.00	1,014.83	0.46	7.11	13,548.90	36.40
2019/11/12 16:00	[redacted]	[redacted]	[redacted]	[redacted]	1,024.17	0.59	[redacted]	11,361.80	36.40
2019/11/12 16:30	2.91	0.90	11.37	0.06	1,030.31	0.45	6.73	14,003.90	36.40
2019/11/12 17:00	43.07	0.81	8.90	1.14	1,059.51	0.43	5.76	15,199.00	36.40
2019/11/12 17:30	11.13	0.88	10.08	0.56	1,022.30	0.46	6.76	14,042.50	36.40
2019/11/12 18:00	15.78	0.78	10.83	0.00	1,032.57	0.45	6.43	14,565.80	36.39
2019/11/12 18:30	9.17	0.82	13.18	0.00	1,014.35	0.48	7.15	13,701.60	36.39
2019/11/12 19:00	10.11	0.78	14.13	0.08	1,062.14	0.45	6.20	14,692.20	36.40
2019/11/12 19:30	20.83	0.81	16.35	1.18	1,083.27	0.45	6.10	14,828.00	36.39
2019/11/12 20:00	[redacted]	[redacted]	[redacted]	[redacted]	1,068.44	0.59	[redacted]	12,324.50	36.40
2019/11/12 20:30	20.15	0.84	13.65	0.57	1,067.61	0.45	6.18	14,757.90	36.40
2019/11/12 21:00	11.41	0.60	13.95	0.00	1,018.77	0.48	7.04	13,897.50	36.40
2019/11/12 21:30	34.35	0.47	11.30	0.00	1,038.41	0.47	6.64	14,723.00	36.40
2019/11/12 22:00	3.06	0.53	11.75	0.00	1,021.35	0.49	7.06	14,026.90	36.39
2019/11/12 22:30	7.45	0.57	10.09	0.00	996.73	0.49	7.11	13,824.20	36.40
2019/11/12 23:00	32.73	0.56	11.91	0.75	1,035.75	0.47	6.20	14,956.30	36.39

[보정/설정] [동작불량] [전원단절] [보수중] [DL비정상] [DL전원단절] [알람값 초과] [규제값 초과]

측정자료이력(stack #1)

결재	담 당	조 장	팀 장	소 장
	김정우	이재욱	최시영	

- 측정소명 : 경산시 자원회수시설 stack #1 (30분 자료 - 보정후 값)
- 조회기간 : 2019/11/13 00:00 ~ 2019/11/13 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	0.80	0.58	9.06	0.00	978.63	0.43	5.02	12,970.70	185.19
측정 최대값	51.18	1.64	28.73	8.42	1,112.65	0.52	7.88	16,044.40	188.48
측정 누적값	252.01	42.24	807.02	23.60	43,436.33	20.14	291.53	591,143	7,856.05
측정 평균값	6.00	1.01	19.21	0.56	1,034.20	0.48	6.94	14,074.84	187.05
2019/11/13 00:00	[redacted]	[redacted]	[redacted]	[redacted]	1,070.21	0.59	[redacted]	12,380.10	186.57
2019/11/13 00:30	36.12	0.75	9.06	0.23	1,063.21	0.45	5.78	15,243.70	186.86
2019/11/13 01:00	0.94	0.64	12.69	0.00	1,026.23	0.49	7.19	13,416.60	186.15
2019/11/13 01:30	1.32	0.65	12.37	0.00	993.65	0.51	7.56	13,206.60	185.96
2019/11/13 02:00	12.18	0.59	12.11	0.00	1,010.45	0.49	7.18	13,657.70	185.66
2019/11/13 02:30	1.07	0.74	16.79	0.07	1,017.98	0.51	7.53	14,119.70	186.15
2019/11/13 03:00	8.73	0.84	13.52	0.03	1,005.56	0.51	7.35	14,031.40	187.20
2019/11/13 03:30	27.17	0.71	10.33	0.90	1,025.31	0.47	6.49	14,677.60	186.79
2019/11/13 04:00	[redacted]	[redacted]	[redacted]	[redacted]	1,017.51	0.61	[redacted]	12,076.70	186.77
2019/11/13 04:30	6.33	0.82	12.02	0.15	1,003.37	0.51	7.40	13,383.30	186.59
2019/11/13 05:00	6.80	0.58	15.01	0.77	1,040.49	0.48	6.63	13,979.90	185.72
2019/11/13 05:30	1.66	0.76	15.83	0.28	1,014.42	0.50	7.34	13,430.50	185.19
2019/11/13 06:00	1.50	0.68	16.40	0.00	1,004.23	0.50	7.33	13,537.60	185.62
2019/11/13 06:30	8.03	0.83	16.00	0.43	1,056.70	0.46	6.02	15,094.90	185.92
2019/11/13 07:00	8.69	0.84	11.76	0.50	1,040.31	0.48	6.60	14,218.40	185.86
2019/11/13 07:30	51.18	0.79	14.79	8.42	1,112.65	0.44	5.02	16,044.40	186.49
2019/11/13 08:00	[redacted]	[redacted]	[redacted]	[redacted]	1,072.63	0.63	[redacted]	11,614.40	187.15
2019/11/13 08:30	7.15	0.79	19.84	0.21	1,090.66	0.47	6.11	15,102.20	187.17
2019/11/13 09:00	1.44	0.78	23.58	0.11	1,049.37	0.51	7.07	14,130.50	187.56
2019/11/13 09:30	1.05	0.98	20.50	0.05	1,032.70	0.50	7.31	13,791.00	187.29
2019/11/13 10:00	1.76	0.89	18.54	0.00	994.05	0.52	7.85	13,232.60	187.17
2019/11/13 10:30	3.15	0.78	21.26	0.09	1,045.09	0.48	6.82	14,153.20	187.25
2019/11/13 11:00	0.87	0.81	26.53	0.01	1,064.35	0.48	6.98	13,906.90	186.94
2019/11/13 11:30	1.08	1.03	28.73	0.00	1,044.53	0.49	7.18	13,817.90	187.06
2019/11/13 12:00	[redacted]	[redacted]	[redacted]	[redacted]	1,005.61	0.66	[redacted]	10,714.70	186.93
2019/11/13 12:30	1.12	1.30	24.50	0.08	1,053.99	0.46	6.62	14,306.60	187.05
2019/11/13 13:00	1.10	1.25	25.28	0.00	1,026.49	0.50	7.72	12,970.70	186.66
2019/11/13 13:30	1.47	1.42	23.27	0.81	1,036.69	0.48	7.26	13,560.80	186.65
2019/11/13 14:00	15.65	1.30	24.70	1.04	1,034.29	0.48	7.22	13,654.80	186.50
2019/11/13 14:30	1.51	1.48	26.70	0.00	1,017.59	0.50	7.77	13,181.80	186.70
2019/11/13 15:00	1.22	1.48	26.94	0.00	1,052.67	0.48	7.09	13,876.40	186.97
2019/11/13 15:30	1.03	1.56	22.58	0.00	1,050.61	0.46	6.87	14,092.80	187.25
2019/11/13 16:00	[redacted]	[redacted]	[redacted]	[redacted]	1,020.70	0.60	[redacted]	11,136.30	187.26
2019/11/13 16:30	0.80	1.64	23.34	0.00	1,035.21	0.47	7.28	13,477.90	187.02
2019/11/13 17:00	1.68	1.40	19.65	0.00	1,004.08	0.48	7.46	13,558.90	187.54
2019/11/13 17:30	1.34	1.23	18.75	0.00	1,009.85	0.47	7.12	13,995.30	187.49
2019/11/13 18:00	5.31	1.10	15.57	0.22	1,042.36	0.45	6.56	14,552.60	187.48
2019/11/13 18:30	16.23	1.22	15.82	2.00	1,063.21	0.44	6.06	15,215.80	188.06
2019/11/13 19:00	0.99	1.23	21.99	0.00	1,030.35	0.47	7.02	14,067.40	188.43
2019/11/13 19:30	1.53	1.17	16.90	0.00	978.63	0.49	7.88	13,202.90	188.05
2019/11/13 20:00	[redacted]	[redacted]	[redacted]	[redacted]	1,033.53	0.57	[redacted]	12,279.00	188.08
2019/11/13 20:30	1.01	0.97	20.06	0.13	1,046.36	0.46	6.70	14,385.40	188.38
2019/11/13 21:00	1.09	0.79	21.43	0.00	1,026.92	0.46	6.86	14,362.50	188.45
2019/11/13 21:30	1.26	0.79	23.99	0.00	1,014.93	0.48	7.12	13,948.00	188.26
2019/11/13 22:00	1.17	0.88	25.30	0.00	1,031.93	0.47	6.81	14,314.20	188.03
2019/11/13 22:30	1.48	0.90	23.70	0.16	1,043.44	0.45	6.39	14,850.30	187.91
2019/11/13 23:00	5.50	1.25	22.17	6.91	1,105.91	0.43	5.33	15,984.90	188.48
2019/11/13 23:30	1.30	1.60	16.72	0.00	995.51	0.51	7.65	13,406.60	188.09

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

측정자료이력(stack #1)

결재	담 당	조 장	팀 장	소 장
	김재욱	이재철	최지웅	

- 측정소명 : 경산시 자원회수시설 stack #1 (30분 자료 - 보정후 값)
- 조회기간 : 2019/11/14 00:00 ~ 2019/11/14 23:55

측정항목코드	COb	HCL	NOX	SO2	TM1	TSP	O2b	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	1.09	0.63	20.16	0.00	976.42	0.43	5.26	12,202.60	185.37
측정 최대값	42.26	4.84	29.51	16.39	1,117.31	0.57	8.58	16,367.20	189.48
측정 누적값	335.14	66.47	1,059.38	60.24	44,056.52	21.27	292.81	594,662	7,858.41
측정 평균값	7.98	1.58	25.22	1.43	1,048.96	0.51	6.97	14,158.61	187.10
2019/11/14 00:00	[redacted]	[redacted]	[redacted]	[redacted]	1,028.20	0.60	[redacted]	12,105.30	188.17
2019/11/14 00:30	1.29	1.18	22.95	1.35	1,117.31	0.43	5.26	16,046.30	189.48
2019/11/14 01:00	1.72	1.28	22.44	0.00	1,011.33	0.53	7.92	12,940.90	189.36
2019/11/14 01:30	2.21	1.08	27.76	0.00	978.07	0.55	8.58	12,202.60	187.69
2019/11/14 02:00	12.44	1.07	27.60	3.06	1,094.57	0.45	5.93	15,207.10	187.19
2019/11/14 02:30	20.18	1.41	24.27	3.65	1,056.90	0.49	6.77	14,308.10	188.26
2019/11/14 03:00	19.57	1.30	28.61	3.65	1,043.79	0.51	7.31	13,804.80	188.08
2019/11/14 03:30	15.55	0.84	25.90	0.65	1,070.27	0.48	6.34	15,093.40	187.81
2019/11/14 04:00	[redacted]	[redacted]	[redacted]	[redacted]	1,028.52	0.65	[redacted]	11,255.90	187.96
2019/11/14 04:30	2.36	0.82	20.92	0.00	976.45	0.54	7.94	13,145.10	187.93
2019/11/14 05:00	1.19	0.63	26.69	0.00	1,045.31	0.50	7.19	13,684.40	187.01
2019/11/14 05:30	2.35	0.90	28.99	2.08	1,104.46	0.46	5.72	15,877.40	187.85
2019/11/14 06:00	42.26	1.97	22.38	16.39	1,082.54	0.49	6.17	15,081.60	188.59
2019/11/14 06:30	27.40	2.16	24.35	0.34	1,013.89	0.57	7.93	13,104.30	187.49
2019/11/14 07:00	13.03	1.38	24.31	0.53	1,013.33	0.55	7.94	12,857.70	186.87
2019/11/14 07:30	9.49	0.93	25.25	0.25	1,101.58	0.47	5.64	15,720.50	187.27
2019/11/14 08:00	[redacted]	[redacted]	[redacted]	[redacted]	985.85	0.68	[redacted]	10,546.30	187.18
2019/11/14 08:30	1.46	0.96	25.64	0.64	1,094.21	0.47	5.84	15,462.80	186.98
2019/11/14 09:00	12.02	1.48	23.86	5.03	1,101.01	0.48	5.86	15,352.60	187.35
2019/11/14 09:30	1.39	1.59	24.77	0.00	1,019.23	0.53	7.41	13,690.70	187.77
2019/11/14 10:00	1.31	1.12	27.82	0.00	1,038.44	0.53	7.08	13,877.30	187.34
2019/11/14 10:30	3.03	1.14	28.22	0.94	1,066.10	0.50	6.86	14,007.20	186.42
2019/11/14 11:00	1.41	1.21	22.46	0.00	1,035.55	0.51	7.14	13,852.30	185.76
2019/11/14 11:30	1.09	1.09	25.27	0.00	1,044.15	0.51	7.25	13,506.40	185.37
2019/11/14 12:00	[redacted]	[redacted]	[redacted]	[redacted]	1,035.21	0.62	[redacted]	12,381.30	185.96
2019/11/14 12:30	6.31	1.12	20.16	0.00	1,004.85	0.53	7.72	13,221.70	186.47
2019/11/14 13:00	33.30	0.76	24.93	1.85	1,099.82	0.47	5.92	15,207.40	186.07
2019/11/14 13:30	1.70	0.95	28.66	0.00	1,038.87	0.52	7.61	13,470.60	185.98
2019/11/14 14:00	1.97	1.26	24.69	0.83	1,057.10	0.53	7.68	12,696.50	185.73
2019/11/14 14:30	37.67	1.13	24.99	0.63	1,077.51	0.50	6.92	14,017.80	185.62
2019/11/14 15:00	1.87	1.38	27.84	0.00	1,031.77	0.53	7.82	13,255.40	186.00
2019/11/14 15:30	10.91	1.32	25.68	0.40	1,035.32	0.51	7.28	13,781.90	186.32
2019/11/14 16:00	[redacted]	[redacted]	[redacted]	[redacted]	1,068.39	0.61	[redacted]	12,098.50	186.41
2019/11/14 16:30	9.08	1.18	23.30	0.16	1,038.54	0.51	7.31	13,633.20	186.55
2019/11/14 17:00	1.81	1.02	27.23	0.00	1,040.42	0.50	7.35	13,750.70	186.81
2019/11/14 17:30	3.31	0.99	23.09	0.35	1,025.17	0.51	7.32	13,676.10	186.44
2019/11/14 18:00	1.73	1.09	26.50	0.00	1,024.45	0.52	7.49	13,470.80	186.04
2019/11/14 18:30	1.28	1.19	21.78	0.67	1,069.27	0.48	6.47	14,742.10	186.16
2019/11/14 19:00	2.00	1.35	20.99	0.00	976.42	0.56	8.33	12,586.40	186.22
2019/11/14 19:30	2.70	1.01	25.72	0.69	1,072.27	0.48	6.45	14,768.00	185.66
2019/11/14 20:00	[redacted]	[redacted]	[redacted]	[redacted]	1,096.74	0.62	[redacted]	12,517.80	186.93
2019/11/14 20:30	5.27	1.80	23.35	3.32	1,082.19	0.48	5.94	15,653.10	187.73
2019/11/14 21:00	2.68	2.80	28.29	7.43	1,100.30	0.47	5.61	16,367.20	188.07
2019/11/14 21:30	1.21	3.96	25.33	3.85	1,089.85	0.47	5.76	15,997.90	188.78
2019/11/14 22:00	1.83	4.84	24.61	0.00	988.74	0.56	8.02	13,279.80	188.24
2019/11/14 22:30	1.75	4.22	24.84	0.00	1,014.55	0.53	7.35	14,075.40	187.27
2019/11/14 23:00	12.28	3.98	27.43	1.50	1,052.78	0.52	6.86	14,550.70	187.18
2019/11/14 23:30	1.73	3.58	29.51	0.00	1,027.84	0.54	7.52	13,635.30	187.20

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