측정자료이력(stack #1)

결재	담 당	조 장	팀 장	소 장
	고태진	백계홍	최시영	

- 측정소명 : 경산시 자원회수시설 stack #1 (30분 자료 - 보정후 값)
- 조회기간 : 2020/01/11 00:00 ~ 2020/01/11 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	0.41	0.53	16.60	0.00	955.45	0.50	6.13	10,078.70	182.71
측정 최대값	43.32	1.01	26.68	18.14	1,097.69	0.69	10.36	14,652.80	186.24
측정 누적값	147.05	28.34	885.55	37.95	42,851.73	24.35	358.48	515,003	7,753.44
측정 평균값	3.50	0.67	21.08	0.90	1,020.28	0.58	8.54	12,261.97	184.61
2020/01/11 00:00	[redacted]	[redacted]	[redacted]	[redacted]	1,028.61	0.71	[redacted]	11,270.80	184.71
2020/01/11 00:30	1.12	0.86	20.58	1.51	1,069.81	0.57	7.44	13,268.90	185.47
2020/01/11 01:00	0.41	0.59	21.71	0.00	1,097.69	0.55	7.27	13,187.50	185.55
2020/01/11 01:30	1.04	0.61	19.73	0.00	1,036.75	0.63	8.85	11,792.50	184.66
2020/01/11 02:00	0.54	0.59	20.65	0.00	1,075.67	0.56	7.50	13,226.70	184.74
2020/01/11 02:30	2.33	0.71	20.30	0.97	1,068.62	0.58	7.71	13,054.10	185.35
2020/01/11 03:00	0.98	0.71	21.83	0.00	1,050.82	0.60	8.03	12,720.60	185.19
2020/01/11 03:30	1.51	0.75	19.93	0.00	1,034.38	0.64	8.97	11,731.70	184.93
2020/01/11 04:00	[redacted]	[redacted]	[redacted]	[redacted]	1,052.67	0.69	[redacted]	12,155.10	185.27
2020/01/11 04:30	0.94	0.91	22.83	0.84	1,067.68	0.58	7.73	13,349.30	186.14
2020/01/11 05:00	43.32	1.01	17.49	18.14	1,085.46	0.54	6.13	14,652.80	186.15
2020/01/11 05:30	3.29	0.94	20.70	0.00	1,006.02	0.69	9.83	10,810.90	185.09
2020/01/11 06:00	1.26	0.60	22.42	0.07	1,063.26	0.57	7.38	13,262.00	184.14
2020/01/11 06:30	1.98	0.62	23.06	0.00	1,013.69	0.61	8.68	11,810.40	183.54
2020/01/11 07:00	2.36	0.64	20.49	0.00	1,012.90	0.65	9.36	10,940.50	183.58
2020/01/11 07:30	2.13	0.56	22.91	0.00	994.25	0.62	8.59	12,034.10	183.35
2020/01/11 08:00	[redacted]	[redacted]	[redacted]	[redacted]	1,013.23	0.76	[redacted]	9,820.33	183.66
2020/01/11 08:30	7.24	0.71	22.82	3.59	1,005.15	0.59	7.93	13,244.70	183.99
2020/01/11 09:00	0.94	0.58	20.75	0.00	1,046.35	0.53	7.17	14,061.20	185.29
2020/01/11 09:30	1.71	0.59	20.72	0.00	1,030.24	0.59	8.65	12,396.40	185.65
2020/01/11 10:00	1.08	0.53	22.96	0.00	1,050.25	0.53	7.42	13,643.00	184.78
2020/01/11 10:30	1.67	0.62	21.79	0.00	1,019.37	0.58	8.76	11,918.60	184.53
2020/01/11 11:00	1.91	0.63	18.74	0.00	1,005.29	0.60	9.35	11,104.30	183.99
2020/01/11 11:30	1.45	0.57	21.93	0.00	1,011.57	0.52	8.29	12,264.00	183.21
2020/01/11 12:00	[redacted]	[redacted]	[redacted]	[redacted]	1,023.63	0.63	[redacted]	10,674.80	183.56
2020/01/11 12:30	1.46	0.75	19.71	0.00	1,022.69	0.52	8.25	12,549.90	185.13
2020/01/11 13:00	1.74	0.66	21.32	0.00	1,025.35	0.52	8.24	12,784.60	185.21
2020/01/11 13:30	2.02	0.68	21.72	0.00	1,001.05	0.54	8.47	12,475.70	185.46
2020/01/11 14:00	1.24	0.68	20.47	0.00	1,030.47	0.51	7.86	13,219.50	185.93
2020/01/11 14:30	3.11	0.72	18.20	2.28	955.45	0.60	9.97	10,743.30	185.45
2020/01/11 15:00	2.00	0.81	19.25	5.16	983.52	0.54	8.67	11,924.20	183.64
2020/01/11 15:30	1.49	0.63	22.97	0.00	1,028.70	0.50	7.81	13,077.90	183.07
2020/01/11 16:00	[redacted]	[redacted]	[redacted]	[redacted]	1,037.44	0.65	[redacted]	10,306.00	185.08
2020/01/11 16:30	2.15	0.71	22.86	0.00	1,006.21	0.54	8.67	12,075.60	185.13
2020/01/11 17:00	23.32	0.58	19.08	4.83	1,000.52	0.52	8.10	12,830.30	184.61
2020/01/11 17:30	5.43	0.84	20.34	0.56	1,027.65	0.57	9.21	11,563.30	184.40
2020/01/11 18:00	1.56	0.60	20.21	0.00	1,012.72	0.54	8.85	11,791.50	183.80
2020/01/11 18:30	2.04	0.64	18.56	0.00	1,004.04	0.53	8.80	11,680.30	183.05
2020/01/11 19:00	2.59	0.69	17.62	0.00	978.18	0.61	10.08	10,362.70	182.76
2020/01/11 19:30	1.31	0.57	16.97	0.00	1,016.03	0.55	8.39	12,130.00	183.11
2020/01/11 20:00	[redacted]	[redacted]	[redacted]	[redacted]	1,002.05	0.71	[redacted]	9,561.12	183.40
2020/01/11 20:30	2.67	0.70	16.60	0.00	959.96	0.67	10.36	10,078.70	183.21
2020/01/11 21:00	2.00	0.56	22.29	0.00	976.67	0.61	9.02	12,018.90	182.71
2020/01/11 21:30	2.33	0.71	22.25	0.00	1,005.84	0.66	10.03	11,004.00	184.24
2020/01/11 22:00	2.93	0.61	25.96	0.00	971.27	0.64	9.53	11,537.50	185.08
2020/01/11 22:30	2.72	0.65	26.68	0.00	985.45	0.63	9.37	12,055.20	185.84
2020/01/11 23:00	2.16	0.65	23.55	0.00	998.42	0.62	9.11	11,943.80	186.24
2020/01/11 23:30	1.57	0.57	24.60	0.00	1,016.32	0.60	8.65	12,681.50	186.05

[보정중/압축] [동작불량] [전원단절] [보수중] [DL비정상] [DL전원단절] [알람값 초과] [규제값 초과]

측정자료이력(stack #1)

결재	담 당	조 장	팀 장	소 장
	천학수	정성보	최시영	

- 측정소명 : 경산시 자원회수시설 stack #1 (30분 자료 - 보정후 값)
- 조회기간 : 2020/01/12 00:00 ~ 2020/01/12 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	0.66	0.50	18.69	0.00	966.98	0.51	7.38	10,793.90	182.87
측정 최대값	4.08	0.89	26.50	3.43	1,078.75	0.65	9.86	13,684.60	186.94
측정 누적값	74.31	26.56	960.46	17.58	42,997.83	24.19	358.07	519,917	7,759.95
측정 평균값	1.77	0.63	22.87	0.42	1,023.76	0.58	8.53	12,378.97	184.76
2020/01/12 00:00	[redacted]	[redacted]	[redacted]	[redacted]	1,006.63	0.70	[redacted]	10,943.60	186.41
2020/01/12 00:30	2.20	0.69	21.13	0.23	996.42	0.62	9.20	11,471.20	185.69
2020/01/12 01:00	2.94	0.77	22.21	2.38	979.21	0.64	9.70	11,158.90	183.87
2020/01/12 01:30	2.85	0.75	19.76	1.05	976.07	0.65	9.86	10,793.90	182.96
2020/01/12 02:00	2.20	0.78	23.37	0.02	1,007.49	0.62	9.18	11,527.70	182.91
2020/01/12 02:30	2.18	0.79	26.30	3.32	1,006.75	0.57	8.58	12,126.90	184.16
2020/01/12 03:00	1.85	0.75	22.83	0.00	1,006.26	0.57	8.50	12,246.00	184.52
2020/01/12 03:30	1.61	0.64	19.43	0.00	1,014.87	0.59	9.00	11,539.40	184.53
2020/01/12 04:00	[redacted]	[redacted]	[redacted]	[redacted]	1,037.55	0.68	[redacted]	10,499.60	183.98
2020/01/12 04:30	1.47	0.71	23.05	0.00	1,020.48	0.58	8.63	12,346.00	184.42
2020/01/12 05:00	1.81	0.66	23.55	0.00	1,022.45	0.59	8.71	12,162.40	184.67
2020/01/12 05:30	1.16	0.59	23.48	0.00	1,026.46	0.54	8.02	13,032.20	184.86
2020/01/12 06:00	2.22	0.63	23.19	0.00	998.33	0.62	9.35	11,379.30	184.79
2020/01/12 06:30	1.97	0.68	19.28	0.19	991.86	0.62	9.17	11,479.80	183.75
2020/01/12 07:00	2.23	0.74	24.00	1.68	998.92	0.62	9.03	11,946.10	183.20
2020/01/12 07:30	2.20	0.73	21.58	0.00	997.52	0.63	9.31	11,503.50	182.99
2020/01/12 08:00	[redacted]	[redacted]	[redacted]	[redacted]	999.71	0.71	[redacted]	10,405.10	182.70
2020/01/12 08:30	1.25	0.64	23.10	0.00	1,030.31	0.58	8.29	12,813.50	182.89
2020/01/12 09:00	2.04	0.60	21.98	0.00	1,002.57	0.62	9.01	11,942.10	182.96
2020/01/12 09:30	2.22	0.59	23.90	0.00	1,016.25	0.61	8.91	11,941.80	183.32
2020/01/12 10:00	2.02	0.61	22.75	0.00	1,001.42	0.61	9.06	11,712.50	183.71
2020/01/12 10:30	1.07	0.51	24.32	0.00	1,034.54	0.56	8.05	13,135.90	184.67
2020/01/12 11:00	1.34	0.57	21.50	0.00	1,046.68	0.58	8.41	12,437.00	185.49
2020/01/12 11:30	0.70	0.51	21.14	0.00	1,057.87	0.53	7.38	13,672.90	185.86
2020/01/12 12:00	[redacted]	[redacted]	[redacted]	[redacted]	944.51	0.73	[redacted]	9,639.03	185.36
2020/01/12 12:30	3.10	0.83	26.16	0.16	982.63	0.57	8.43	12,466.30	184.43
2020/01/12 13:00	3.22	0.89	22.30	3.43	987.49	0.60	9.48	11,295.20	184.04
2020/01/12 13:30	3.06	0.70	25.80	0.00	966.98	0.57	9.03	11,695.50	183.01
2020/01/12 14:00	2.07	0.64	26.50	0.00	1,032.43	0.54	8.19	12,807.20	182.87
2020/01/12 14:30	1.30	0.65	23.50	0.39	1,051.33	0.51	7.70	13,178.70	183.95
2020/01/12 15:00	1.43	0.62	23.75	0.00	1,047.55	0.52	8.28	12,742.90	185.25
2020/01/12 15:30	1.81	0.66	24.52	0.09	1,030.43	0.55	8.55	12,442.10	185.56
2020/01/12 16:00	[redacted]	[redacted]	[redacted]	[redacted]	1,050.47	0.65	[redacted]	10,987.00	185.90
2020/01/12 16:30	0.98	0.64	23.72	0.00	1,057.09	0.51	7.79	13,199.70	186.30
2020/01/12 17:00	1.64	0.57	23.59	0.00	1,021.45	0.55	8.65	12,438.70	186.07
2020/01/12 17:30	0.93	0.52	24.71	0.00	1,049.49	0.53	7.69	13,339.10	186.00
2020/01/12 18:00	1.77	0.55	22.82	0.00	1,024.22	0.59	9.07	11,863.70	186.08
2020/01/12 18:30	1.46	0.50	24.21	0.00	1,021.39	0.56	8.33	12,409.10	185.36
2020/01/12 19:00	1.37	0.54	25.84	0.00	1,041.83	0.55	8.01	13,063.60	185.72
2020/01/12 19:30	1.51	0.55	23.99	0.00	1,034.73	0.55	8.24	12,877.80	186.17
2020/01/12 20:00	[redacted]	[redacted]	[redacted]	[redacted]	1,021.09	0.73	[redacted]	9,984.84	185.76
2020/01/12 20:30	0.89	0.63	22.74	1.47	1,049.14	0.55	7.78	13,102.70	184.84
2020/01/12 21:00	0.74	0.56	23.17	1.79	1,078.75	0.56	7.91	12,964.50	185.51
2020/01/12 21:30	4.08	0.51	22.30	1.09	1,059.64	0.54	7.41	13,684.60	185.86
2020/01/12 22:00	1.07	0.53	18.69	0.00	1,058.01	0.58	8.36	12,719.10	186.28
2020/01/12 22:30	1.01	0.53	18.79	0.29	1,054.44	0.57	7.96	13,169.80	186.67
2020/01/12 23:00	0.68	0.50	21.59	0.00	1,050.19	0.56	7.75	13,212.30	186.82
2020/01/12 23:30	0.66	0.50	19.92	0.00	1,065.89	0.58	8.11	12,875.30	186.94

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

측정자료이력(stack #1)

결재	담 당	조 장	팀 장	소 장
	천학수	정성보	최시영	

- 측정소명 : 경산시 자원회수시설 stack #1 (30분 자료 - 보정후 값)
- 조회기간 : 2020/01/13 00:00 ~ 2020/01/13 23:55

측정항목코드	COb	HCL	NOX	SO2	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	0.54	0.44	14.66	0.00	951.94	0.54	7.09	10,673.50	184.62
측정 최대값	15.61	0.80	25.70	5.47	1,097.33	0.69	9.88	13,702.70	188.87
측정 누적값	113.74	25.74	877.23	22.62	42,845.30	25.23	355.63	520,158	7,816.12
측정 평균값	2.71	0.61	20.89	0.54	1,020.13	0.60	8.47	12,384.71	186.10
2020/01/13 00:00	[redacted]				1,042.31	0.74	[redacted]	10,300.30	187.01
2020/01/13 00:30	3.42	0.72	19.67	2.74	1,046.98	0.59	7.92	12,944.90	186.92
2020/01/13 01:00	0.75	0.52	21.96	0.62	1,068.49	0.56	7.22	13,408.30	186.33
2020/01/13 01:30	6.90	0.63	18.57	5.47	1,097.33	0.58	7.76	12,454.90	185.93
2020/01/13 02:00	0.93	0.57	18.21	0.00	1,047.43	0.58	8.22	12,387.40	185.53
2020/01/13 02:30	0.54	0.51	20.66	0.09	1,082.07	0.54	7.09	13,661.70	186.05
2020/01/13 03:00	0.97	0.54	20.99	0.00	1,049.53	0.60	8.32	12,442.60	186.22
2020/01/13 03:30	0.93	0.51	20.99	0.00	1,058.59	0.60	7.98	12,402.00	185.80
2020/01/13 04:00	[redacted]				1,068.34	0.76	[redacted]	9,372.41	185.42
2020/01/13 04:30	1.21	0.75	20.16	0.00	1,031.67	0.60	8.56	11,955.30	185.30
2020/01/13 05:00	2.42	0.79	16.07	0.48	1,039.88	0.66	9.13	11,351.30	185.03
2020/01/13 05:30	3.95	0.64	17.40	0.00	1,012.09	0.58	7.66	12,960.50	184.62
2020/01/13 06:00	0.89	0.64	19.66	0.00	1,064.53	0.59	7.82	12,867.00	185.25
2020/01/13 06:30	15.61	0.62	14.66	0.10	1,045.50	0.62	8.26	12,288.70	185.69
2020/01/13 07:00	0.93	0.58	21.44	0.00	1,041.84	0.60	8.03	12,846.50	185.77
2020/01/13 07:30	13.97	0.59	18.93	1.18	1,062.71	0.58	7.62	13,240.80	186.13
2020/01/13 08:00	[redacted]				1,101.09	0.69	[redacted]	11,753.20	186.52
2020/01/13 08:30	0.95	0.78	20.43	0.65	1,060.00	0.60	8.52	12,964.40	187.54
2020/01/13 09:00	1.83	0.80	18.39	0.12	1,003.61	0.63	9.14	12,255.90	187.82
2020/01/13 09:30	2.44	0.69	18.35	0.27	1,015.45	0.62	8.85	12,195.80	187.48
2020/01/13 10:00	2.70	0.60	20.64	0.00	965.90	0.62	9.03	11,977.60	186.65
2020/01/13 10:30	2.98	0.57	17.12	0.00	951.94	0.64	9.45	11,141.80	185.24
2020/01/13 11:00	2.69	0.54	23.10	0.13	975.35	0.59	8.37	12,830.50	184.89
2020/01/13 11:30	2.83	0.66	23.30	0.00	995.27	0.60	8.97	12,175.10	185.56
2020/01/13 12:00	[redacted]				974.68	0.69	[redacted]	11,112.40	186.51
2020/01/13 12:30	1.80	0.61	23.27	0.07	1,020.27	0.56	7.90	12,998.20	186.60
2020/01/13 13:00	3.02	0.57	21.64	0.03	999.49	0.62	9.56	11,580.60	186.91
2020/01/13 13:30	2.21	0.50	25.24	0.00	991.69	0.59	8.52	13,702.70	188.02
2020/01/13 14:00	2.06	0.48	23.63	0.00	980.39	0.57	8.69	12,689.40	188.87
2020/01/13 14:30	1.68	0.46	20.32	0.00	997.50	0.54	8.41	12,622.70	187.32
2020/01/13 15:00	1.85	0.44	17.74	0.00	995.87	0.58	9.02	11,718.00	186.29
2020/01/13 15:30	2.50	0.51	20.95	0.00	987.60	0.61	9.17	11,633.70	186.07
2020/01/13 16:00	[redacted]				994.45	0.65	[redacted]	11,394.00	185.30
2020/01/13 16:30	2.03	0.75	23.78	1.00	1,029.44	0.59	8.37	12,749.90	186.11
2020/01/13 17:00	2.96	0.67	23.30	0.19	985.54	0.66	9.88	11,100.50	186.37
2020/01/13 17:30	3.20	0.68	20.91	4.45	979.80	0.62	9.01	11,503.80	185.30
2020/01/13 18:00	2.39	0.65	23.91	0.98	980.09	0.60	8.78	12,080.90	184.82
2020/01/13 18:30	1.83	0.64	25.32	0.00	1,014.08	0.60	8.72	12,136.90	185.48
2020/01/13 19:00	1.48	0.59	25.70	0.00	1,036.05	0.57	7.99	13,064.80	186.20
2020/01/13 19:30	1.52	0.60	23.92	0.00	1,029.67	0.60	8.35	12,690.50	186.52
2020/01/13 20:00	[redacted]				1,036.31	0.74	[redacted]	10,767.60	186.83
2020/01/13 20:30	1.76	0.76	21.90	0.00	1,012.13	0.62	8.75	12,048.90	186.18
2020/01/13 21:00	2.73	0.70	23.30	0.00	984.49	0.69	9.82	10,673.50	185.51
2020/01/13 21:30	1.76	0.60	22.19	0.29	1,006.28	0.60	8.18	12,330.90	185.21
2020/01/13 22:00	1.56	0.61	20.85	0.34	1,022.91	0.60	8.41	12,248.90	185.52
2020/01/13 22:30	2.49	0.59	17.66	3.41	1,029.57	0.61	8.07	12,419.90	185.89
2020/01/13 23:00	1.53	0.54	20.78	0.01	1,016.37	0.61	7.97	12,730.90	185.28
2020/01/13 23:30	1.54	0.54	20.22	0.00	1,029.91	0.61	8.14	12,679.30	185.90

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