측정자료이력(stack #1)

결재	담 당	조 장	팀 장	소 장
	천학수	정성길	최시덕	

- 측정소명 : 경산시 자원회수시설 stack #1 (30분 자료 - 보정후 값)
- 조회기간 : 2019/11/18 00:00 ~ 2019/11/18 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	1.08	0.58	11.75	0.00	888.41	0.41	5.32	10,927.90	185.26
측정 최대값	57.06	1.67	25.12	4.07	1,095.46	0.64	10.34	16,071.20	191.58
측정 누적값	192.90	40.33	762.34	36.76	42,405.17	21.20	315.80	569,653	7,894.69
측정 평균값	4.59	0.96	18.15	0.88	1,009.65	0.50	7.52	13,563.17	187.97
2019/11/18 00:00					1,047.45	0.57		11,377.00	187.60
2019/11/18 00:30	12.56	1.05	12.72	0.41	1,063.45	0.41	5.77	15,150.60	188.30
2019/11/18 01:00	3.99	0.91	11.75	0.00	1,039.23	0.44	6.78	13,874.10	188.54
2019/11/18 01:30	3.09	0.82	19.03	1.17	1,059.34	0.43	6.33	14,256.80	188.30
2019/11/18 02:00	9.39	0.93	18.74	2.18	1,075.30	0.43	6.26	14,462.90	188.50
2019/11/18 02:30	1.16	1.17	17.42	0.12	1,031.09	0.47	7.38	13,111.50	188.52
2019/11/18 03:00	1.56	1.05	17.32	0.40	1,075.06	0.43	6.10	14,541.20	188.31
2019/11/18 03:30	1.43	1.18	16.63	0.03	1,086.06	0.42	5.98	14,662.50	188.51
2019/11/18 04:00					1,050.81	0.58		11,446.00	188.50
2019/11/18 04:30	9.71	1.19	14.32	0.24	1,070.69	0.46	6.61	13,639.90	187.97
2019/11/18 05:00	2.70	0.97	18.40	0.50	1,069.76	0.45	6.44	14,302.70	188.66
2019/11/18 05:30	2.15	1.00	24.84	0.40	1,072.99	0.46	6.60	14,097.90	188.97
2019/11/18 06:00	8.42	0.87	16.78	0.49	1,055.24	0.46	6.55	14,144.40	188.84
2019/11/18 06:30	12.07	0.82	20.80	0.03	1,052.65	0.47	6.97	13,883.70	189.01
2019/11/18 07:00	9.00	0.72	15.78	0.18	1,068.50	0.45	6.29	14,437.00	189.23
2019/11/18 07:30	57.06	0.58	14.28	3.07	1,095.46	0.43	5.32	16,071.20	189.76
2019/11/18 08:00					1,086.89	0.61		12,650.40	190.90
2019/11/18 08:30	2.06	1.20	19.98	0.82	1,021.92	0.51	7.45	14,526.00	191.58
2019/11/18 09:00	1.14	1.26	20.50	4.07	1,021.91	0.52	7.57	14,151.00	190.91
2019/11/18 09:30	2.38	1.46	21.28	0.82	944.11	0.56	8.96	12,168.20	189.31
2019/11/18 10:00	1.32	1.23	21.05	0.19	1,012.10	0.50	7.50	13,748.80	188.34
2019/11/18 10:30	1.56	1.55	19.04	3.96	1,010.08	0.51	7.73	13,514.00	188.29
2019/11/18 11:00	1.18	1.54	18.09	1.52	1,020.33	0.49	7.27	14,202.70	188.42
2019/11/18 11:30	2.21	1.08	17.71	3.30	1,012.93	0.49	6.85	15,029.20	189.21
2019/11/18 12:00					1,034.90	0.65		12,056.20	190.06
2019/11/18 12:30	5.91	1.67	13.73	0.36	981.27	0.54	8.15	13,399.10	189.43
2019/11/18 13:00	2.65	0.96	21.57	0.00	888.41	0.64	10.34	10,927.90	187.85
2019/11/18 13:30	2.56	0.69	15.61	0.00	922.26	0.55	8.61	13,300.40	188.06
2019/11/18 14:00	1.15	0.65	13.37	0.00	986.33	0.50	7.22	14,312.10	188.33
2019/11/18 14:30	1.94	0.66	16.47	0.00	925.03	0.57	8.99	12,209.50	187.84
2019/11/18 15:00	1.70	0.59	15.64	0.55	947.29	0.53	8.16	13,295.00	187.20
2019/11/18 15:30	1.37	0.81	15.60	3.91	998.36	0.53	7.68	13,832.60	189.29
2019/11/18 16:00					896.37	0.64		11,202.60	188.72
2019/11/18 16:30	1.59	0.64	16.78	1.03	1,003.42	0.48	7.00	14,566.90	187.49
2019/11/18 17:00	2.33	0.77	21.27	0.08	949.45	0.56	8.84	12,286.80	187.60
2019/11/18 17:30	2.09	0.84	25.12	2.89	961.29	0.57	8.95	13,002.60	187.80
2019/11/18 18:00	1.38	1.54	24.02	2.12	997.29	0.55	8.54	12,807.80	187.84
2019/11/18 18:30	2.83	0.96	21.43	0.00	925.05	0.62	9.88	11,416.90	187.37
2019/11/18 19:00	2.50	0.72	20.28	0.00	927.49	0.59	9.32	11,619.20	186.47
2019/11/18 19:30	2.29	0.72	16.66	0.00	944.06	0.57	9.09	11,335.40	185.30
2019/11/18 20:00					957.22	0.64		11,191.90	185.39
2019/11/18 20:30	1.08	0.83	18.20	0.00	1,021.85	0.49	7.22	13,568.80	185.26
2019/11/18 21:00	1.49	0.78	18.98	0.00	990.56	0.53	8.08	13,118.60	185.43
2019/11/18 21:30	2.52	0.75	17.54	0.00	1,007.99	0.51	7.50	13,334.10	185.31
2019/11/18 22:00	1.51	0.78	18.15	0.13	1,018.22	0.52	7.41	13,223.70	185.62
2019/11/18 22:30	1.63	0.76	19.38	0.08	1,036.87	0.50	6.89	13,919.80	185.87
2019/11/18 23:00	4.41	0.82	17.55	1.71	1,032.09	0.51	7.04	13,795.50	185.97
2019/11/18 23:30	1.83	0.81	18.53	0.00	982.39	0.55	8.18	12,404.00	185.88

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

측정자료이력(stack #1)

결재	담 당	조 장	팀 장	소 장
	천학수	여욱현		

- 측정소명 : 경산시 자원회수시설 stack #1 (30분 자료 - 보정후 값)
- 조회기간 : 2019/11/19 00:00 ~ 2019/11/19 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	0.65	0.46	9.99	0.00	911.89	0.44	5.14	11,173.50	36.40
측정 최대값	38.92	1.02	25.91	3.16	1,090.92	0.65	9.96	16,097.30	36.44
측정 누적값	373.02	28.54	724.88	19.05	42,123.56	21.10	289.35	572,000	1,456.59
측정 평균값	9.10	0.70	17.68	0.46	1,027.40	0.51	7.06	13,951.22	36.41
2019/11/19 00:00	[redacted]	[redacted]	[redacted]	[redacted]	959.35	0.68	[redacted]	11,109.30	36.42
2019/11/19 00:30	1.68	0.89	20.14	0.00	974.91	0.56	8.16	13,703.50	36.42
2019/11/19 01:00	3.19	0.71	15.91	0.00	1,008.66	0.52	7.49	13,509.00	36.43
2019/11/19 01:30	2.35	0.58	13.92	0.13	1,053.57	0.49	6.64	14,439.00	36.43
2019/11/19 02:00	1.80	0.72	15.17	0.00	999.34	0.55	8.06	12,819.10	36.43
2019/11/19 02:30	0.87	0.62	18.16	0.00	1,043.97	0.51	7.08	13,943.90	36.40
2019/11/19 03:00	1.43	0.68	15.28	0.00	999.24	0.55	8.17	12,736.40	36.40
2019/11/19 03:30	2.76	0.68	25.91	0.00	933.79	0.61	9.44	12,278.00	36.40
2019/11/19 04:00	[redacted]	[redacted]	[redacted]	[redacted]	1,018.66	0.66	[redacted]	11,277.40	36.40
2019/11/19 04:30	2.91	0.98	23.10	0.00	924.57	0.65	9.96	11,173.50	36.40
2019/11/19 05:00	2.80	0.66	22.75	0.00	911.89	0.61	9.51	11,629.10	36.40
2019/11/19 05:30	2.78	0.70	20.78	3.16	1,017.39	0.52	7.29	14,155.50	36.40
2019/11/19 06:00	2.61	0.85	20.85	0.00	941.47	0.61	9.38	11,743.90	36.40
2019/11/19 06:30	1.42	0.75	22.24	0.00	993.98	0.54	7.97	13,466.60	36.40
2019/11/19 07:00	24.97	0.80	19.17	0.47	1,013.84	0.51	7.11	14,237.90	36.40
2019/11/19 07:30	29.40	0.66	13.28	1.95	1,070.83	0.47	5.95	15,263.90	36.40
2019/11/19 08:00	[redacted]	[redacted]	[redacted]	[redacted]	1,023.99	0.65	[redacted]	11,272.60	36.40
2019/11/19 08:30	8.73	0.64	11.56	1.49	1,057.77	0.48	5.96	15,552.60	36.40
2019/11/19 09:00	18.98	0.59	9.99	2.11	1,071.99	0.47	5.58	15,912.20	36.40
2019/11/19 09:30	1.21	0.52	15.82	0.00	1,022.35	0.52	7.21	13,867.60	36.40
2019/11/19 10:00	14.00	0.46	19.47	0.87	1,056.67	0.49	6.40	14,667.20	36.40
2019/11/19 10:30	1.35	0.59	22.17	0.63	1,061.76	0.49	6.30	14,871.50	36.40
2019/11/19 11:00	1.78	0.69	18.32	0.00	969.87	0.57	8.51	12,117.20	36.40
2019/11/19 11:30	0.96	0.60	22.56	0.00	1,035.39	0.51	7.21	13,515.80	36.40
2019/11/19 12:00	[redacted]	[redacted]	[redacted]	[redacted]	1,033.29	0.68	[redacted]	10,824.50	36.40
2019/11/19 12:30	26.54	0.70	15.70	0.81	1,086.19	0.46	5.32	15,695.80	36.40
2019/11/19 13:00	38.92	0.57	13.93	1.08	1,084.33	0.46	5.62	15,138.70	36.40
2019/11/19 13:30	7.99	0.60	18.18	0.00	983.93	0.57	8.28	12,682.70	[redacted]
2019/11/19 14:00	3.16	0.55	15.42	0.00	987.03	0.55	8.01	12,944.70	36.41
2019/11/19 14:30	19.96	0.50	17.69	0.96	1,038.11	0.48	6.09	15,069.50	36.43
2019/11/19 15:00	1.27	0.67	18.83	0.00	1,004.31	0.52	7.40	13,611.40	36.42
2019/11/19 15:30	2.82	0.57	17.88	0.00	1,025.43	0.49	6.57	14,558.30	36.41
2019/11/19 16:00	[redacted]	[redacted]	[redacted]	[redacted]	987.05	0.66	[redacted]	10,942.80	36.42
2019/11/19 16:30	27.44	0.67	13.67	1.80	1,090.92	0.44	5.14	16,097.30	36.42
2019/11/19 17:00	4.97	0.72	14.62	0.00	1,037.52	0.50	6.84	14,186.10	36.42
2019/11/19 17:30	23.02	0.47	14.38	0.19	1,064.65	0.47	5.99	14,952.90	36.42
2019/11/19 18:00	0.92	0.63	15.52	0.00	1,027.42	0.51	7.16	13,561.90	36.42
2019/11/19 18:30	0.65	0.69	19.17	0.00	1,037.93	0.51	7.11	13,630.20	36.42
2019/11/19 19:00	1.64	0.73	17.00	0.76	1,049.42	0.49	6.50	14,587.90	36.43
2019/11/19 19:30	1.23	0.99	22.47	1.95	1,087.73	0.47	5.97	15,043.70	36.44
2019/11/19 20:00	[redacted]	[redacted]	[redacted]	[redacted]	1,082.16	0.62	[redacted]	12,813.30	36.44
2019/11/19 20:30	37.39	0.90	20.63	0.68	1,089.23	0.47	5.82	15,433.70	36.44
2019/11/19 21:00	32.55	0.70	18.63	0.01	1,087.27	0.48	5.86	14,546.60	36.44
2019/11/19 21:30	3.28	0.77	16.31	0.00	1,056.30	0.50	6.40	14,078.50	36.44
2019/11/19 22:00	4.37	0.83	15.03	0.00	1,032.26	0.52	7.02	13,068.70	36.44
2019/11/19 22:30	3.29	0.89	15.77	0.00	1,037.01	0.50	6.71	13,502.90	36.44
2019/11/19 23:00	3.63	1.02	17.50	0.00	1,053.32	0.48	6.16	14,005.20	36.44

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

측정자료이력(stack #1)

결재	담 당	조 장	팀 장	소 장
	황성원	이수현		

- 측정소명 : 경산시 자원회수시설 stack #1 (30분 자료 - 보정후 값)
- 조회기간 : 2019/11/20 00:00 ~ 2019/11/20 23:55

측정항목코드	C0b	HCL	NOX	S02	TM1	TSP	02b	FL1	IRS
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	0-100
측정 최소값	0.75	0.70	13.14	0.00	993.41	0.46	5.42	11,794.70	36.40
측정 최대값	42.25	2.22	32.85	11.14	1,098.50	0.59	8.27	15,278.80	36.44
측정 누적값	442.73	49.95	895.58	28.31	43,824.00	21.73	289.66	573,624	1,529.57
측정 평균값	10.54	1.19	21.32	0.67	1,043.43	0.52	6.90	13,657.72	36.42
2019/11/20 00:00					1,112.59	0.64		11,293.40	36.40
2019/11/20 00:30	12.51	1.72	13.24	0.00	1,040.47	0.51	6.73	13,242.10	36.40
2019/11/20 01:00	6.24	1.46	13.77	0.14	1,043.36	0.50	6.43	13,591.30	36.40
2019/11/20 01:30	6.83	1.45	14.10	0.06	1,036.37	0.51	6.76	13,262.00	36.40
2019/11/20 02:00	20.27	1.34	13.14	0.00	1,033.53	0.51	6.83	13,337.80	36.40
2019/11/20 02:30	0.98	1.24	18.76	0.00	1,070.60	0.49	6.23	13,974.70	36.41
2019/11/20 03:00	1.88	1.25	14.84	0.07	1,055.03	0.51	6.50	13,631.50	36.40
2019/11/20 03:30	11.92	1.16	14.40	0.09	1,049.30	0.51	6.61	13,553.70	36.41
2019/11/20 04:00					1,091.67	0.65		11,597.70	36.41
2019/11/20 04:30	15.87	1.25	14.90	0.00	1,069.83	0.49	5.96	14,320.90	36.41
2019/11/20 05:00	33.96	1.04	13.90	0.10	1,098.50	0.47	5.42	14,649.30	36.41
2019/11/20 05:30	15.48	1.12	16.28	0.44	1,074.93	0.51	6.53	13,435.80	36.40
2019/11/20 06:00	40.84	1.25	15.75	2.70	1,060.41	0.54	6.97	13,025.60	36.41
2019/11/20 06:30	28.84	1.14	20.78	0.37	1,080.77	0.52	6.75	13,275.20	36.41
2019/11/20 07:00	9.54	1.27	23.64	0.56	1,084.61	0.53	6.87	14,044.90	36.42
2019/11/20 07:30	1.52	1.31	21.85	0.10	1,010.12	0.59	8.15	12,929.60	36.41
2019/11/20 08:00					972.51	0.72		10,567.90	36.41
2019/11/20 08:30	1.93	1.32	25.63	0.05	993.81	0.58	8.27	12,747.50	36.42
2019/11/20 09:00	26.51	1.84	22.36	11.14	1,083.36	0.49	5.79	15,177.00	36.41
2019/11/20 09:30	1.46	2.22	17.88	0.00	1,037.48	0.51	6.61	13,464.30	36.41
2019/11/20 10:00	15.70	1.71	17.04	0.00	1,021.78	0.53	7.04	12,907.60	36.41
2019/11/20 10:30	1.48	1.62	22.49	0.00	1,022.33	0.52	7.15	13,862.80	36.41
2019/11/20 11:00	1.54	1.66	23.23	0.00	1,001.87	0.55	7.93	13,231.20	36.42
2019/11/20 11:30	30.03	1.18	23.24	8.16	1,070.55	0.50	6.06	15,278.80	36.41
2019/11/20 12:00					1,041.51	0.66		10,461.20	36.43
2019/11/20 12:30	6.86	1.25	18.88	0.00	1,019.63	0.52	7.36	12,525.40	36.42
2019/11/20 13:00	42.25	1.03	16.31	0.01	1,051.64	0.46	5.81	14,401.60	36.42
2019/11/20 13:30	5.35	1.11	21.16	0.01	1,056.33	0.47	6.34	13,528.10	36.41
2019/11/20 14:00	15.86	1.26	20.77	0.00	1,072.95	0.47	6.12	13,608.90	36.41
2019/11/20 14:30	1.76	1.63	20.19	0.00	993.41	0.54	8.24	11,794.70	36.41
2019/11/20 15:00	34.98	1.19	19.42	2.59	1,057.21	0.48	6.33	14,395.00	36.42
2019/11/20 15:30	2.97	1.02	22.41	0.04	1,052.92	0.50	6.84	14,115.40	36.42
2019/11/20 16:00					950.13	0.71		9,808.08	36.41
2019/11/20 16:30	14.17	0.70	20.81	1.29	1,024.74	0.49	6.55	14,648.70	36.42
2019/11/20 17:00	1.38	0.81	24.50	0.00	1,020.11	0.51	7.21	13,868.50	36.43
2019/11/20 17:30	0.75	0.70	29.20	0.00	1,065.59	0.50	6.64	14,467.10	36.43
2019/11/20 18:00	1.44	0.79	32.85	0.00	1,024.95	0.55	7.99	12,867.30	36.42
2019/11/20 18:30	1.98	0.80	29.25	0.00	1,002.71	0.56	8.00	13,091.80	36.43
2019/11/20 19:00	1.14	0.77	30.44	0.00	1,054.09	0.52	6.92	14,080.40	36.43
2019/11/20 19:30	1.90	0.79	27.09	0.00	1,034.30	0.55	7.50	13,383.10	36.44
2019/11/20 20:00					1,044.43	0.68		11,134.70	36.43
2019/11/20 20:30	1.40	1.13	30.86	0.00	1,040.43	0.55	7.71	13,266.70	36.44
2019/11/20 21:00	1.63	0.94	26.59	0.00	1,016.42	0.55	7.87	12,825.20	36.44
2019/11/20 21:30	1.75	0.88	24.98	0.00	1,043.10	0.52	6.78	14,299.80	36.44
2019/11/20 22:00	1.22	0.86	22.74	0.00	1,055.77	0.51	6.60	14,248.30	36.44
2019/11/20 22:30	1.33	0.91	26.36	0.00	1,007.20	0.56	7.75	13,065.10	36.44
2019/11/20 23:00	6.63	0.92	25.29	0.11	1,043.38	0.53	6.83	14,010.20	36.44
2019/11/20 23:30	10.65	0.91	24.26	0.28	1,048.11	0.52	6.68	14,189.40	36.44

[측정중/입력] [동작불량] [전원단절] [보수중] [DL비정상] [DL전원단절] [알람값 초과] [규제값 초과]