# 측정자료이력(stack #1)

| 결재 | 담 당 | 조 장 | 팀 장 | 소 장 |
|---|---|---|---|---|
| | 박규동 | 이수빈 | 최시영 | |

- 측정소명 : 경산시 자원회수시설 stack #1 (30분 자료 - 보정후 값)
- 조회기간 : 2025/07/07 00:00 ~ 2025/07/07 23:55

| 측정항목코드 | 001 COb | 001 HCL | 001 NOX | 001 SO2 | 001 TM1 | 001 TSP | 001 02b | 001 FL1 | 001 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 | 1.08 | 0.18 | 0.76 | 0.00 | 874.13 | 0.37 | 6.49 | 12,530.10 | 182.13 |
| 측정 최대값 | 6.44 | 0.59 | 7.73 | 0.00 | 971.86 | 0.44 | 8.31 | 14,593.80 | 183.86 |
| 측정 누적값 | 89.02 | 16.34 | 171.98 | 0.00 | 39,279.22 | 16.59 | 300.75 | 574,021 | 7,680.61 |
| 측정 평균값 | 2.12 | 0.39 | 4.09 | 0.00 | 935.22 | 0.40 | 7.16 | 13,667.16 | 182.87 |
| 2025/07/07 00:00 | | | | | 953.36 | 0.52 | | 10,785.50 | 183.22 |
| 2025/07/07 00:30 | 1.08 | 0.31 | 7.73 | 0.00 | 949.77 | 0.39 | 7.02 | 13,763.70 | 183.08 |
| 2025/07/07 01:00 | 1.38 | 0.31 | 7.33 | 0.00 | 934.60 | 0.40 | 7.20 | 13,808.20 | 182.97 |
| 2025/07/07 01:30 | 2.36 | 0.31 | 7.14 | 0.00 | 942.04 | 0.39 | 7.08 | 13,836.00 | 183.09 |
| 2025/07/07 02:00 | 2.60 | 0.33 | 5.95 | 0.00 | 939.30 | 0.40 | 7.11 | 13,818.40 | 182.98 |
| 2025/07/07 02:30 | 2.14 | 0.34 | 4.39 | 0.00 | 932.92 | 0.39 | 7.25 | 13,585.40 | 182.54 |
| 2025/07/07 03:00 | 2.93 | 0.34 | 3.48 | 0.00 | 923.64 | 0.41 | 7.63 | 13,229.60 | 182.57 |
| 2025/07/07 03:30 | 1.34 | 0.32 | 5.29 | 0.00 | 957.24 | 0.39 | 6.74 | 14,118.80 | 182.67 |
| 2025/07/07 04:00 | | | | | 938.48 | 0.52 | | 11,103.90 | 182.66 |
| 2025/07/07 04:30 | 1.50 | 0.36 | 6.46 | 0.00 | 955.98 | 0.40 | 7.07 | 13,804.00 | 182.54 |
| 2025/07/07 05:00 | 1.57 | 0.36 | 5.61 | 0.00 | 933.23 | 0.40 | 7.23 | 13,764.40 | 182.89 |
| 2025/07/07 05:30 | 1.82 | 0.33 | 5.33 | 0.00 | 945.63 | 0.39 | 6.99 | 13,825.80 | 182.84 |
| 2025/07/07 06:00 | 3.37 | 0.30 | 5.73 | 0.00 | 933.24 | 0.40 | 7.41 | 13,493.30 | 182.56 |
| 2025/07/07 06:30 | 2.06 | 0.26 | 6.13 | 0.00 | 916.04 | 0.43 | 7.87 | 13,080.90 | 182.53 |
| 2025/07/07 07:00 | 1.75 | 0.24 | 4.39 | 0.00 | 920.83 | 0.41 | 7.67 | 12,845.90 | 182.31 |
| 2025/07/07 07:30 | 2.80 | 0.18 | 4.29 | 0.00 | 944.68 | 0.39 | 7.07 | 13,713.60 | 182.44 |
| 2025/07/07 08:00 | | | | | 973.79 | 0.48 | | 11,911.60 | 183.06 |
| 2025/07/07 08:30 | 1.17 | 0.54 | 6.35 | 0.00 | 962.71 | 0.38 | 6.77 | 14,459.20 | 183.86 |
| 2025/07/07 09:00 | 1.84 | 0.54 | 5.83 | 0.00 | 952.31 | 0.38 | 6.66 | 14,544.00 | 183.34 |
| 2025/07/07 09:30 | 2.21 | 0.51 | 5.00 | 0.00 | 956.06 | 0.39 | 6.76 | 14,086.50 | 182.86 |
| 2025/07/07 10:00 | 6.44 | 0.49 | 4.84 | 0.00 | 948.45 | 0.39 | 7.03 | 13,751.00 | 182.88 |
| 2025/07/07 10:30 | 3.10 | 0.45 | 4.41 | 0.00 | 961.31 | 0.39 | 6.74 | 14,007.00 | 182.85 |
| 2025/07/07 11:00 | 2.81 | 0.41 | 4.72 | 0.00 | 971.86 | 0.37 | 6.50 | 14,191.20 | 183.07 |
| 2025/07/07 11:30 | 3.21 | 0.42 | 2.91 | 0.00 | 919.96 | 0.41 | 7.66 | 13,025.40 | 183.26 |
| 2025/07/07 12:00 | | | | | 951.61 | 0.49 | | 11,281.70 | 182.82 |
| 2025/07/07 12:30 | 1.64 | 0.52 | 3.94 | 0.00 | 947.31 | 0.37 | 6.58 | 14,440.00 | 183.54 |
| 2025/07/07 13:00 | 1.50 | 0.53 | 3.65 | 0.00 | 917.99 | 0.41 | 7.45 | 13,404.30 | 183.84 |
| 2025/07/07 13:30 | 1.37 | 0.54 | 3.51 | 0.00 | 946.91 | 0.37 | 6.81 | 13,813.50 | 183.45 |
| 2025/07/07 14:00 | 1.28 | 0.54 | 4.36 | 0.00 | 954.27 | 0.38 | 7.15 | 13,432.60 | 183.25 |
| 2025/07/07 14:30 | 1.35 | 0.56 | 3.81 | 0.00 | 944.60 | 0.38 | 7.06 | 13,653.40 | 183.13 |
| 2025/07/07 15:00 | 1.11 | 0.55 | 5.20 | 0.00 | 966.46 | 0.37 | 6.64 | 14,007.60 | 183.03 |
| 2025/07/07 15:30 | 1.48 | 0.59 | 3.36 | 0.00 | 919.62 | 0.40 | 7.57 | 13,002.60 | 183.15 |
| 2025/07/07 16:00 | | | | | 942.87 | 0.47 | | 11,901.20 | 183.12 |
| 2025/07/07 16:30 | 2.39 | 0.28 | 2.74 | 0.00 | 918.20 | 0.39 | 7.20 | 13,491.50 | 183.11 |
| 2025/07/07 17:00 | 3.05 | 0.28 | 1.53 | 0.00 | 920.24 | 0.39 | 7.14 | 13,415.70 | 183.03 |
| 2025/07/07 17:30 | 1.71 | 0.29 | 1.85 | 0.00 | 909.11 | 0.40 | 7.80 | 12,604.00 | 182.33 |
| 2025/07/07 18:00 | 1.67 | 0.31 | 1.99 | 0.00 | 920.28 | 0.41 | 7.71 | 12,913.20 | 182.44 |
| 2025/07/07 18:30 | 1.70 | 0.31 | 3.09 | 0.00 | 932.11 | 0.39 | 7.10 | 14,127.10 | 183.15 |
| 2025/07/07 19:00 | 1.78 | 0.32 | 3.00 | 0.00 | 915.15 | 0.41 | 7.53 | 13,580.10 | 183.20 |
| 2025/07/07 19:30 | 1.93 | 0.31 | 3.24 | 0.00 | 958.03 | 0.38 | 6.49 | 14,405.40 | 182.52 |
| 2025/07/07 20:00 | | | | | 899.99 | 0.52 | | 10,741.80 | 182.42 |
| 2025/07/07 20:30 | 2.19 | 0.39 | 2.84 | 0.00 | 934.42 | 0.40 | 7.18 | 13,601.70 | 182.45 |
| 2025/07/07 21:00 | 2.05 | 0.40 | 2.09 | 0.00 | 923.06 | 0.41 | 7.40 | 13,261.00 | 182.13 |
| 2025/07/07 21:30 | 1.60 | 0.38 | 2.20 | 0.00 | 931.09 | 0.39 | 6.85 | 14,021.10 | 182.45 |
| 2025/07/07 22:00 | 2.42 | 0.41 | 1.77 | 0.00 | 874.13 | 0.44 | 8.31 | 12,530.10 | 182.48 |
| 2025/07/07 22:30 | 1.92 | 0.38 | 2.21 | 0.00 | 922.54 | 0.39 | 6.85 | 14,215.80 | 182.32 |
| 2025/07/07 23:00 | 3.53 | 0.38 | 1.53 | 0.00 | 939.49 | 0.38 | 6.49 | 14,593.80 | 182.91 |
| 2025/07/07 23:30 | 1.87 | 0.42 | 0.76 | 0.00 | 882.41 | 0.43 | 7.98 | 12,753.90 | 182.57 |

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

# 측정자료이력(stack #1)

| 결재 | 담 당 | 조 장 | 팀 장 | 소 장 |
|---|---|---|---|---|
| | 천경수 | 이재훈 | 최서영 | |

- 측정소명 : 경산시 자원회수시설 stack #1 (30분 자료 - 보정후 값)
- 조회기간 : 2025/07/08 00:00 ~ 2025/07/08 23:55

| 측정항목코드 | 001 COb | 001 HCL | 001 NOX | 001 SO2 | 001 TM1 | 001 TSP | 001 O2b | 001 FL1 | 001 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 | 1.03 | 0.25 | 0.41 | 0.00 | 903.68 | 0.35 | 5.77 | 12,933.10 | 181.82 |
| 측정 최대값 | 25.11 | 0.50 | 5.46 | 0.00 | 994.33 | 0.41 | 7.65 | 15,169.20 | 183.51 |
| 측정 누적값 | 146.43 | 16.07 | 109.27 | 0.00 | 40,065.93 | 16.21 | 284.46 | 596,507 | 7,673.12 |
| 측정 평균값 | 3.49 | 0.38 | 2.60 | 0.00 | 953.95 | 0.39 | 6.77 | 14,202.54 | 182.69 |
| 2025/07/08 00:00 | | | | | 947.49 | 0.49 | | 11,389.80 | 181.99 |
| 2025/07/08 00:30 | 2.24 | 0.28 | 1.49 | 0.00 | 954.50 | 0.37 | 6.20 | 14,763.40 | 182.45 |
| 2025/07/08 01:00 | 1.83 | 0.27 | 1.12 | 0.00 | 920.67 | 0.40 | 7.09 | 14,074.80 | 183.02 |
| 2025/07/08 01:30 | 3.99 | 0.25 | 1.11 | 0.00 | 944.11 | 0.38 | 6.74 | 14,164.30 | 182.67 |
| 2025/07/08 02:00 | 1.69 | 0.29 | 1.34 | 0.00 | 913.19 | 0.41 | 7.54 | 13,296.70 | 182.36 |
| 2025/07/08 02:30 | 3.55 | 0.29 | 1.22 | 0.00 | 940.68 | 0.39 | 6.95 | 14,042.30 | 182.31 |
| 2025/07/08 03:00 | 12.40 | 0.26 | 1.17 | 0.00 | 953.99 | 0.38 | 6.34 | 14,508.20 | 182.54 |
| 2025/07/08 03:30 | 1.52 | 0.25 | 0.41 | 0.00 | 903.68 | 0.41 | 7.62 | 13,374.30 | 182.53 |
| 2025/07/08 04:00 | | | | | 924.63 | 0.51 | | 11,141.50 | 182.08 |
| 2025/07/08 04:30 | 2.28 | 0.34 | 0.74 | 0.00 | 943.14 | 0.38 | 6.85 | 14,162.90 | 182.24 |
| 2025/07/08 05:00 | 1.55 | 0.32 | 0.89 | 0.00 | 959.59 | 0.38 | 6.56 | 14,456.10 | 182.48 |
| 2025/07/08 05:30 | 1.34 | 0.33 | 0.78 | 0.00 | 926.19 | 0.40 | 7.41 | 13,579.30 | 182.31 |
| 2025/07/08 06:00 | 1.15 | 0.35 | 1.06 | 0.00 | 947.37 | 0.39 | 6.90 | 14,023.30 | 182.41 |
| 2025/07/08 06:30 | 1.28 | 0.35 | 1.23 | 0.00 | 944.71 | 0.40 | 7.15 | 13,689.00 | 182.37 |
| 2025/07/08 07:00 | 1.29 | 0.38 | 1.03 | 0.00 | 938.90 | 0.40 | 7.17 | 13,727.50 | 182.33 |
| 2025/07/08 07:30 | 1.47 | 0.33 | 0.85 | 0.00 | 953.64 | 0.40 | 6.89 | 14,124.10 | 182.50 |
| 2025/07/08 08:00 | | | | | 970.94 | 0.51 | | 11,503.40 | 183.02 |
| 2025/07/08 08:30 | 2.33 | 0.44 | 2.48 | 0.00 | 963.50 | 0.40 | 7.29 | 13,894.70 | 183.51 |
| 2025/07/08 09:00 | 1.16 | 0.42 | 3.17 | 0.00 | 973.46 | 0.38 | 6.59 | 14,333.70 | 183.16 |
| 2025/07/08 09:30 | 1.41 | 0.46 | 2.56 | 0.00 | 936.93 | 0.40 | 7.33 | 13,693.30 | 182.83 |
| 2025/07/08 10:00 | 1.39 | 0.47 | 2.96 | 0.00 | 960.61 | 0.39 | 7.03 | 13,788.60 | 182.79 |
| 2025/07/08 10:30 | 1.23 | 0.47 | 3.11 | 0.00 | 972.30 | 0.37 | 6.61 | 14,311.60 | 182.93 |
| 2025/07/08 11:00 | 2.40 | 0.47 | 2.18 | 0.00 | 962.55 | 0.38 | 6.99 | 13,801.20 | 182.62 |
| 2025/07/08 11:30 | 1.62 | 0.45 | 2.33 | 0.00 | 956.42 | 0.39 | 7.06 | 13,613.00 | 182.43 |
| 2025/07/08 12:00 | | | | | 964.59 | 0.48 | | 11,327.00 | 182.41 |
| 2025/07/08 12:30 | 2.94 | 0.47 | 4.99 | 0.00 | 975.19 | 0.37 | 6.54 | 14,486.50 | 182.79 |
| 2025/07/08 13:00 | 9.92 | 0.47 | 4.09 | 0.00 | 961.39 | 0.38 | 6.58 | 14,652.80 | 183.13 |
| 2025/07/08 13:30 | 2.74 | 0.47 | 3.74 | 0.00 | 961.09 | 0.38 | 6.61 | 14,772.60 | 183.41 |
| 2025/07/08 14:00 | 3.66 | 0.49 | 2.60 | 0.00 | 952.26 | 0.38 | 6.70 | 14,431.50 | 182.66 |
| 2025/07/08 14:30 | 8.16 | 0.47 | 3.16 | 0.00 | 980.90 | 0.37 | 6.04 | 14,910.90 | 182.41 |
| 2025/07/08 15:00 | 25.11 | 0.45 | 3.05 | 0.00 | 994.33 | 0.35 | 5.77 | 15,169.20 | 182.98 |
| 2025/07/08 15:30 | 1.76 | 0.50 | 3.13 | 0.00 | 948.95 | 0.39 | 6.86 | 14,252.70 | 183.22 |
| 2025/07/08 16:00 | | | | | 935.83 | 0.50 | | 11,100.30 | 182.89 |
| 2025/07/08 16:30 | 2.81 | 0.38 | 2.27 | 0.00 | 937.31 | 0.39 | 6.90 | 14,009.90 | 182.74 |
| 2025/07/08 17:00 | 2.44 | 0.38 | 3.90 | 0.00 | 964.88 | 0.38 | 6.49 | 14,445.90 | 182.74 |
| 2025/07/08 17:30 | 2.34 | 0.36 | 4.00 | 0.00 | 966.65 | 0.37 | 6.22 | 14,744.80 | 183.29 |
| 2025/07/08 18:00 | 1.84 | 0.40 | 2.52 | 0.00 | 929.10 | 0.41 | 7.28 | 13,250.20 | 182.56 |
| 2025/07/08 18:30 | 1.66 | 0.38 | 2.75 | 0.00 | 924.26 | 0.41 | 7.65 | 12,933.10 | 181.82 |
| 2025/07/08 19:00 | 1.46 | 0.35 | 5.35 | 0.00 | 983.41 | 0.35 | 6.01 | 15,114.20 | 182.36 |
| 2025/07/08 19:30 | 12.03 | 0.34 | 3.16 | 0.00 | 968.99 | 0.37 | 6.19 | 14,828.10 | 182.90 |
| 2025/07/08 20:00 | | | | | 933.67 | 0.52 | | 10,958.00 | 182.66 |
| 2025/07/08 20:30 | 4.64 | 0.41 | 2.81 | 0.00 | 939.77 | 0.39 | 6.89 | 14,236.90 | 182.35 |
| 2025/07/08 21:00 | 5.61 | 0.40 | 3.27 | 0.00 | 987.34 | 0.36 | 5.96 | 15,135.70 | 182.67 |
| 2025/07/08 21:30 | 2.42 | 0.39 | 3.80 | 0.00 | 980.16 | 0.39 | 6.29 | 14,783.20 | 183.18 |
| 2025/07/08 22:00 | 1.03 | 0.38 | 3.45 | 0.00 | 946.55 | 0.40 | 6.97 | 14,028.70 | 182.93 |
| 2025/07/08 22:30 | 1.48 | 0.40 | 4.52 | 0.00 | 954.16 | 0.40 | 7.03 | 13,973.00 | 182.67 |
| 2025/07/08 23:00 | 1.82 | 0.37 | 5.46 | 0.00 | 989.17 | 0.38 | 6.20 | 14,931.20 | 182.77 |
| 2025/07/08 23:30 | 1.44 | 0.34 | 4.02 | 0.00 | 949.94 | 0.39 | 6.97 | 13,993.30 | 182.75 |

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

# 측정자료이력(stack #1)

| 결재 | 담 당 | 조 장 | 팀 장 | 소 장 |
|---|---|---|---|---|
| | 한광식 | 2 | 최시영 | |

- 측정소명 : 경산시 자원회수시설 stack #1 (30분 자료 - 보정후 값)
- 조회기간 : 2025/07/09 00:00 ~ 2025/07/09 23:55

| 측정항목코드 | 001 COb | 001 HCL | 001 NOX | 001 SO2 | 001 TM1 | 001 TSP | 001 O2b | 001 FL1 | 001 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 | 0.60 | 0.12 | 2.20 | 0.00 | 867.61 | 0.36 | 5.68 | 11,953.10 | 180.89 |
| 측정 최대값 | 13.61 | 0.52 | 10.53 | 0.00 | 1,004.96 | 0.43 | 8.51 | 15,571.90 | 183.97 |
| 측정 누적값 | 146.00 | 14.91 | 213.14 | 0.00 | 39,678.14 | 16.33 | 288.16 | 589,112 | 7,658.58 |
| 측정 평균값 | 3.48 | 0.35 | 5.07 | 0.00 | 944.72 | 0.39 | 6.86 | 14,026.49 | 182.35 |
| 2025/07/09 00:00 | | | | | 954.73 | 0.49 | | 11,620.10 | 182.47 |
| 2025/07/09 00:30 | 1.11 | 0.28 | 3.86 | 0.00 | 952.59 | 0.39 | 6.91 | 13,902.40 | 182.03 |
| 2025/07/09 01:00 | 1.22 | 0.26 | 3.60 | 0.00 | 946.60 | 0.39 | 7.08 | 13,791.20 | 182.20 |
| 2025/07/09 01:30 | 1.16 | 0.21 | 5.00 | 0.00 | 981.77 | 0.37 | 6.24 | 15,029.70 | 182.46 |
| 2025/07/09 02:00 | 13.61 | 0.21 | 6.35 | 0.00 | 1,004.96 | 0.36 | 5.68 | 15,571.90 | 183.12 |
| 2025/07/09 02:30 | 0.60 | 0.23 | 7.98 | 0.00 | 988.96 | 0.38 | 6.31 | 14,791.10 | 183.97 |
| 2025/07/09 03:00 | 0.83 | 0.27 | 9.60 | 0.00 | 981.20 | 0.39 | 6.86 | 14,118.20 | 183.51 |
| 2025/07/09 03:30 | 1.53 | 0.28 | 10.53 | 0.00 | 979.77 | 0.40 | 7.02 | 13,914.40 | 182.85 |
| 2025/07/09 04:00 | | | | | 1,008.32 | 0.50 | | 11,899.50 | 182.61 |
| 2025/07/09 04:30 | 1.35 | 0.44 | 9.73 | 0.00 | 960.01 | 0.42 | 7.36 | 13,398.00 | 182.41 |
| 2025/07/09 05:00 | 1.53 | 0.41 | 9.28 | 0.00 | 976.11 | 0.38 | 6.37 | 14,572.60 | 182.34 |
| 2025/07/09 05:30 | 1.97 | 0.43 | 5.88 | 0.00 | 906.29 | 0.43 | 7.68 | 13,061.90 | 182.14 |
| 2025/07/09 06:00 | 3.07 | 0.42 | 7.95 | 0.00 | 952.78 | 0.39 | 6.66 | 14,249.70 | 181.78 |
| 2025/07/09 06:30 | 4.33 | 0.46 | 4.73 | 0.00 | 896.51 | 0.43 | 7.82 | 12,897.10 | 181.74 |
| 2025/07/09 07:00 | 1.96 | 0.44 | 5.18 | 0.00 | 931.17 | 0.39 | 6.66 | 14,216.40 | 181.85 |
| 2025/07/09 07:30 | 3.67 | 0.40 | 3.71 | 0.00 | 919.49 | 0.40 | 7.12 | 13,580.70 | 181.90 |
| 2025/07/09 08:00 | | | | | 943.25 | 0.50 | | 11,294.20 | 181.87 |
| 2025/07/09 08:30 | 2.27 | 0.39 | 4.39 | 0.00 | 950.68 | 0.39 | 6.90 | 14,161.00 | 182.39 |
| 2025/07/09 09:00 | 6.87 | 0.35 | 5.64 | 0.00 | 984.33 | 0.37 | 6.19 | 14,836.10 | 182.30 |
| 2025/07/09 09:30 | 2.15 | 0.38 | 5.60 | 0.00 | 921.49 | 0.41 | 7.39 | 13,830.00 | 182.81 |
| 2025/07/09 10:00 | 4.45 | 0.39 | 2.36 | 0.00 | 915.11 | 0.40 | 7.42 | 13,263.80 | 181.79 |
| 2025/07/09 10:30 | 3.08 | 0.37 | 2.24 | 0.00 | 928.55 | 0.38 | 6.78 | 14,357.70 | 182.30 |
| 2025/07/09 11:00 | 7.82 | 0.36 | 2.20 | 0.00 | 962.95 | 0.36 | 6.05 | 14,948.50 | 182.46 |
| 2025/07/09 11:30 | 2.89 | 0.39 | 2.87 | 0.00 | 968.23 | 0.36 | 6.34 | 14,571.60 | 182.96 |
| 2025/07/09 12:00 | | | | | 959.81 | 0.48 | | 12,264.30 | 183.15 |
| 2025/07/09 12:30 | 3.04 | 0.51 | 3.22 | 0.00 | 942.23 | 0.38 | 7.07 | 13,907.80 | 183.20 |
| 2025/07/09 13:00 | 3.53 | 0.50 | 4.35 | 0.00 | 961.61 | 0.38 | 6.50 | 14,496.30 | 183.08 |
| 2025/07/09 13:30 | 1.46 | 0.49 | 3.28 | 0.00 | 924.21 | 0.39 | 7.32 | 13,303.40 | 182.70 |
| 2025/07/09 14:00 | 4.01 | 0.47 | 5.03 | 0.00 | 948.05 | 0.38 | 6.86 | 13,898.10 | 182.54 |
| 2025/07/09 14:30 | 3.35 | 0.48 | 4.20 | 0.00 | 917.17 | 0.40 | 7.60 | 12,903.60 | 182.31 |
| 2025/07/09 15:00 | 5.26 | 0.47 | 7.36 | 0.00 | 955.95 | 0.37 | 6.69 | 13,971.70 | 182.50 |
| 2025/07/09 15:30 | 2.19 | 0.52 | 4.61 | 0.00 | 867.61 | 0.43 | 8.51 | 11,953.10 | 182.28 |
| 2025/07/09 16:00 | | | | | 904.31 | 0.48 | | 11,481.00 | 181.43 |
| 2025/07/09 16:30 | 3.31 | 0.40 | 6.40 | 0.00 | 959.99 | 0.36 | 6.10 | 14,923.20 | 181.70 |
| 2025/07/09 17:00 | 12.09 | 0.39 | 3.82 | 0.00 | 933.34 | 0.36 | 6.25 | 14,783.70 | 182.76 |
| 2025/07/09 17:30 | 5.72 | 0.44 | 4.30 | 0.00 | 916.94 | 0.39 | 7.23 | 13,585.80 | 182.27 |
| 2025/07/09 18:00 | 4.48 | 0.48 | 4.74 | 0.00 | 903.37 | 0.41 | 7.46 | 13,173.50 | 181.30 |
| 2025/07/09 18:30 | 2.07 | 0.44 | 4.35 | 0.00 | 935.91 | 0.39 | 6.86 | 14,122.50 | 181.62 |
| 2025/07/09 19:00 | 4.65 | 0.43 | 5.48 | 0.00 | 970.27 | 0.37 | 6.21 | 14,835.80 | 182.01 |
| 2025/07/09 19:30 | 1.22 | 0.44 | 5.33 | 0.00 | 964.79 | 0.38 | 6.54 | 14,094.20 | 182.04 |
| 2025/07/09 20:00 | | | | | 972.21 | 0.50 | | 11,648.20 | 182.25 |
| 2025/07/09 20:30 | 1.49 | 0.19 | 5.97 | 0.00 | 948.46 | 0.40 | 6.61 | 14,384.70 | 182.64 |
| 2025/07/09 21:00 | 1.86 | 0.18 | 4.69 | 0.00 | 939.99 | 0.39 | 6.79 | 14,147.20 | 182.45 |
| 2025/07/09 21:30 | 8.01 | 0.17 | 2.50 | 0.00 | 940.87 | 0.38 | 6.75 | 14,188.70 | 182.30 |
| 2025/07/09 22:00 | 1.92 | 0.14 | 5.26 | 0.00 | 963.67 | 0.37 | 6.13 | 14,967.00 | 182.65 |
| 2025/07/09 22:30 | 4.91 | 0.12 | 4.51 | 0.00 | 952.95 | 0.38 | 6.44 | 14,467.90 | 182.47 |
| 2025/07/09 23:00 | 1.49 | 0.13 | 2.60 | 0.00 | 908.85 | 0.42 | 7.75 | 12,858.20 | 181.56 |
| 2025/07/09 23:30 | 2.47 | 0.15 | 2.46 | 0.00 | 912.36 | 0.41 | 7.65 | 13,082.00 | 180.89 |

[동작불량] [DL전원단절] [알람값 초과] [규제값 초과]

# 측정자료이력(stack #1)

| 결재 | 담 당 | 조 장 | 팀 장 | 소 장 |
|---|---|---|---|---|
| | 김정수 | 박재홍 | 최서영 | |

- 측정소명 : 경산시 자원회수시설 stack #1 (30분 자료 - 보정후 값)
- 조회기간 : 2025/07/10 00:00 ~ 2025/07/10 23:55

| 측정항목코드 | 001 COb | 001 HCL | 001 NOX | 001 SO2 | 001 TM1 | 001 TSP | 001 O2b | 001 FL1 | 001 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 | 1.15 | 0.10 | 0.00 | 0.00 | 880.15 | 0.36 | 6.01 | 12,590.30 | 181.32 | | |
| 측정 최대값 | 18.49 | 0.61 | 18.29 | 0.00 | 993.11 | 0.43 | 8.32 | 15,176.50 | 183.94 | | |
| 측정 누적값 | 167.04 | 16.42 | 227.50 | 0.00 | 39,039.71 | 16.80 | 304.12 | 579,610 | 7,660.60 | | |
| 측정 평균값 | 3.98 | 0.39 | 5.42 | 0.00 | 929.52 | 0.40 | 7.24 | 13,800.23 | 182.40 | | |
| 2025/07/10 00:00 | [redacted] | | | | 971.54 | 0.48 | [redacted] | 12,174.70 | 181.58 | | |
| 2025/07/10 00:30 | 2.26 | 0.42 | 5.50 | 0.00 | 960.17 | 0.38 | 6.42 | 14,578.20 | 182.54 | | |
| 2025/07/10 01:00 | 1.82 | 0.42 | 2.50 | 0.00 | 900.57 | 0.42 | 7.91 | 12,729.90 | 181.83 | | |
| 2025/07/10 01:30 | 1.45 | 0.41 | 4.26 | 0.00 | 940.69 | 0.39 | 6.88 | 14,152.60 | 181.45 | | |
| 2025/07/10 02:00 | 2.63 | 0.41 | 4.76 | 0.00 | 977.17 | 0.36 | 6.01 | 15,176.50 | 182.09 | | |
| 2025/07/10 02:30 | 1.29 | 0.41 | 6.85 | 0.00 | 993.11 | 0.37 | 6.20 | 14,706.00 | 182.65 | | |
| 2025/07/10 03:00 | 2.20 | 0.43 | 6.46 | 0.00 | 961.99 | 0.39 | 6.73 | 14,147.20 | 182.37 | | |
| 2025/07/10 03:30 | 2.04 | 0.45 | 5.41 | 0.00 | 942.01 | 0.39 | 7.01 | 14,064.50 | 182.08 | | |
| 2025/07/10 04:00 | [redacted] | | | | 967.81 | 0.49 | [redacted] | 11,988.60 | 182.36 | | |
| 2025/07/10 04:30 | 1.75 | 0.45 | 6.88 | 0.00 | 941.66 | 0.42 | 7.89 | 13,346.40 | 182.26 | | |
| 2025/07/10 05:00 | 1.22 | 0.42 | 10.05 | 0.00 | 973.69 | 0.38 | 6.35 | 14,744.20 | 182.13 | | |
| 2025/07/10 05:30 | 2.20 | 0.41 | 14.65 | 0.00 | 987.00 | 0.38 | 6.23 | 14,731.10 | 182.47 | | |
| 2025/07/10 06:00 | 1.18 | 0.45 | 13.27 | 0.00 | 938.39 | 0.41 | 7.36 | 13,568.80 | 182.46 | | |
| 2025/07/10 06:30 | 1.69 | 0.45 | 9.60 | 0.00 | 938.08 | 0.40 | 7.16 | 14,239.00 | 182.38 | | |
| 2025/07/10 07:00 | 1.55 | 0.45 | 12.86 | 0.00 | 941.93 | 0.41 | 7.49 | 13,467.10 | 181.76 | | |
| 2025/07/10 07:30 | 1.15 | 0.43 | 18.29 | 0.00 | 960.01 | 0.40 | 7.25 | 13,557.50 | 181.32 | | |
| 2025/07/10 08:00 | [redacted] | | | | 970.69 | 0.51 | [redacted] | 11,042.60 | 181.29 | | |
| 2025/07/10 08:30 | 1.62 | 0.38 | 15.18 | 0.00 | 929.93 | 0.41 | 7.67 | 13,243.10 | 181.54 | | |
| 2025/07/10 09:00 | 1.50 | 0.35 | 15.27 | 0.00 | 950.83 | 0.39 | 7.34 | 13,466.40 | 181.54 | | |
| 2025/07/10 09:30 | 1.94 | 0.33 | 16.27 | 0.00 | 959.81 | 0.40 | 7.31 | 13,411.10 | 181.56 | | |
| 2025/07/10 10:00 | 2.48 | 0.25 | 12.56 | 0.00 | 906.29 | 0.43 | 8.25 | 12,590.30 | 181.73 | | |
| 2025/07/10 10:30 | 2.57 | 0.16 | 7.55 | 0.00 | 887.95 | 0.43 | 7.98 | 12,869.10 | 181.70 | | |
| 2025/07/10 11:00 | 5.65 | 0.10 | 5.36 | 0.00 | 919.45 | 0.39 | 6.91 | 14,153.70 | 181.53 | | |
| 2025/07/10 11:30 | 4.16 | 0.10 | 3.41 | 0.00 | 897.83 | 0.40 | 7.42 | 13,365.00 | 181.92 | | |
| 2025/07/10 12:00 | [redacted] | | | | 953.96 | 0.49 | [redacted] | 11,310.60 | 182.36 | | |
| 2025/07/10 12:30 | 1.79 | 0.60 | 5.12 | 0.00 | 933.27 | 0.39 | 7.11 | 13,724.20 | 182.64 | | |
| 2025/07/10 13:00 | 2.85 | 0.61 | 3.98 | 0.00 | 908.05 | 0.40 | 7.57 | 13,348.00 | 182.63 | | |
| 2025/07/10 13:30 | 9.40 | 0.60 | 2.91 | 0.00 | 924.74 | 0.39 | 6.98 | 14,201.90 | 183.01 | | |
| 2025/07/10 14:00 | 5.11 | 0.60 | 2.27 | 0.00 | 920.01 | 0.39 | 7.07 | 14,099.20 | 183.66 | | |
| 2025/07/10 14:30 | 2.64 | 0.60 | 2.11 | 0.00 | 892.81 | 0.42 | 7.67 | 13,550.90 | 183.68 | | |
| 2025/07/10 15:00 | 5.91 | 0.56 | 2.03 | 0.00 | 942.95 | 0.37 | 6.26 | 15,115.10 | 183.80 | | |
| 2025/07/10 15:30 | 3.12 | 0.58 | 1.76 | 0.00 | 934.71 | 0.38 | 6.63 | 14,491.80 | 183.94 | | |
| 2025/07/10 16:00 | [redacted] | | | | 929.91 | 0.50 | [redacted] | 11,308.20 | 183.66 | | |
| 2025/07/10 16:30 | 2.17 | 0.50 | 2.52 | 0.00 | 917.53 | 0.41 | 7.55 | 13,527.80 | 183.36 | | |
| 2025/07/10 17:00 | 2.11 | 0.51 | 1.75 | 0.00 | 882.65 | 0.43 | 8.26 | 12,661.20 | 182.88 | | |
| 2025/07/10 17:30 | 8.10 | 0.48 | 1.61 | 0.00 | 934.87 | 0.40 | 7.08 | 13,929.00 | 182.71 | | |
| 2025/07/10 18:00 | 2.89 | 0.49 | 1.33 | 0.00 | 903.83 | 0.42 | 7.51 | 13,572.80 | 182.55 | | |
| 2025/07/10 18:30 | 3.53 | 0.48 | 1.27 | 0.00 | 919.82 | 0.40 | 7.21 | 14,427.60 | 183.11 | | |
| 2025/07/10 19:00 | 1.97 | 0.47 | 0.76 | 0.00 | 930.29 | 0.38 | 6.80 | 14,539.80 | 182.95 | | |
| 2025/07/10 19:30 | 16.72 | 0.49 | 0.52 | 0.00 | 891.86 | 0.43 | 8.02 | 13,142.00 | 182.77 | | |
| 2025/07/10 20:00 | [redacted] | | | | 964.24 | 0.49 | [redacted] | 12,265.80 | 183.39 | | |
| 2025/07/10 20:30 | 5.75 | 0.24 | 0.34 | 0.00 | 915.12 | 0.42 | 7.58 | 12,932.20 | 182.79 | | |
| 2025/07/10 21:00 | 18.49 | 0.19 | 0.04 | 0.00 | 913.87 | 0.40 | 7.42 | 13,420.20 | 182.05 | | |
| 2025/07/10 21:30 | 15.91 | 0.16 | 0.02 | 0.00 | 909.29 | 0.40 | 7.51 | 13,386.40 | 181.53 | | |
| 2025/07/10 22:00 | 2.47 | 0.16 | 0.01 | 0.00 | 901.95 | 0.42 | 8.18 | 12,846.90 | 181.73 | | |
| 2025/07/10 22:30 | 3.49 | 0.13 | 0.00 | 0.00 | 880.15 | 0.43 | 8.32 | 12,917.00 | 181.81 | | |
| 2025/07/10 23:00 | 3.78 | 0.14 | 0.20 | 0.00 | 946.11 | 0.38 | 6.56 | 14,987.60 | 182.45 | | |
| 2025/07/10 23:30 | 4.49 | 0.15 | 0.01 | 0.00 | 927.27 | 0.39 | 7.06 | 14,480.40 | 183.24 | | |

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

# 측정자료이력(stack #1)

| 결재 | 담 당 | 조 장 | 팀 장 | 소 장 |
|---|---|---|---|---|
| | 김재수 | 박개홍 | 최시영 | |

- 측정소명 : 경산시 자원회수시설 stack #1 (30분 자료 - 보정후 값)
- 조회기간 : 2025/07/11 00:00 ~ 2025/07/11 23:55

| 측정항목코드 | 001 COb | 001 HCL | 001 NOX | 001 SO2 | 001 TM1 | 001 TSP | 001 O2b | 001 FL1 | 001 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 | 1.17 | 0.17 | 0.12 | 0.00 | 870.88 | 0.37 | 6.19 | 13,212.80 | 181.55 |
| 측정 최대값 | 30.42 | 0.90 | 15.01 | 0.00 | 991.97 | 0.44 | 8.13 | 15,488.20 | 184.71 |
| 측정 누적값 | 155.92 | 16.39 | 130.89 | 0.00 | 30,739.30 | 13.16 | 233.66 | 472,687 | 6,041.36 |
| 측정 평균값 | 4.72 | 0.50 | 3.97 | 0.00 | 931.49 | 0.40 | 7.08 | 14,323.85 | 183.07 |
| 2025/07/11 00:00 | [redacted] | [redacted] | [redacted] | [redacted] | 940.77 | 0.49 | [redacted] | 12,536.40 | 183.25 |
| 2025/07/11 00:30 | 2.07 | 0.45 | 0.12 | 0.00 | 897.10 | 0.42 | 7.86 | 13,413.30 | 182.94 |
| 2025/07/11 01:00 | 1.92 | 0.44 | 0.20 | 0.00 | 941.63 | 0.40 | 7.18 | 14,127.30 | 182.95 |
| 2025/07/11 01:30 | 1.95 | 0.46 | 0.39 | 0.00 | 932.23 | 0.41 | 7.40 | 13,885.30 | 183.04 |
| 2025/07/11 02:00 | 1.93 | 0.47 | 0.19 | 0.00 | 921.56 | 0.42 | 7.67 | 13,575.10 | 182.89 |
| 2025/07/11 02:30 | 1.81 | 0.46 | 0.34 | 0.00 | 921.40 | 0.41 | 7.46 | 13,874.60 | 182.73 |
| 2025/07/11 03:00 | 1.67 | 0.46 | 0.49 | 0.00 | 952.73 | 0.39 | 6.85 | 14,517.20 | 183.18 |
| 2025/07/11 03:30 | 1.38 | 0.47 | 0.74 | 0.00 | 962.71 | 0.39 | 6.82 | 14,522.30 | 183.15 |
| 2025/07/11 04:00 | [redacted] | [redacted] | [redacted] | [redacted] | 991.83 | 0.49 | [redacted] | 12,297.70 | 183.35 |
| 2025/07/11 04:30 | 1.25 | 0.36 | 2.74 | 0.00 | 983.75 | 0.39 | 6.81 | 14,534.70 | 184.20 |
| 2025/07/11 05:00 | 1.50 | 0.34 | 2.78 | 0.00 | 987.29 | 0.37 | 6.36 | 15,093.70 | 184.50 |
| 2025/07/11 05:30 | 5.64 | 0.35 | 1.89 | 0.00 | 950.96 | 0.40 | 6.98 | 14,489.70 | 184.71 |
| 2025/07/11 06:00 | 17.32 | 0.34 | 2.12 | 0.00 | 991.97 | 0.38 | 6.19 | 15,284.50 | 184.53 |
| 2025/07/11 06:30 | 4.65 | 0.39 | 1.48 | 0.00 | 907.63 | 0.44 | 8.13 | 13,212.80 | 184.43 |
| 2025/07/11 07:00 | 1.63 | 0.33 | 5.05 | 0.00 | 986.05 | 0.39 | 6.65 | 15,118.60 | 183.74 |
| 2025/07/11 07:30 | 2.40 | 0.37 | 3.61 | 0.00 | 942.45 | 0.41 | 7.64 | 13,530.30 | 183.03 |
| 2025/07/11 08:00 | [redacted] | [redacted] | [redacted] | [redacted] | 916.45 | 0.53 | [redacted] | 10,793.50 | 182.80 |
| 2025/07/11 08:30 | 1.17 | 0.46 | 6.51 | 0.00 | 975.99 | 0.38 | 6.46 | 15,026.70 | 183.24 |
| 2025/07/11 09:00 | [redacted] | [redacted] | [redacted] | [redacted] | 920.85 | 0.51 | [redacted] | 11,523.10 | 183.83 |
| 2025/07/11 09:30 | [redacted] | [redacted] | [redacted] | [redacted] | 919.39 | 0.61 | [redacted] | 9,380.59 | 183.53 |
| 2025/07/11 10:00 | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] |
| 2025/07/11 10:30 | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] |
| 2025/07/11 11:00 | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] |
| 2025/07/11 11:30 | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] |
| 2025/07/11 12:00 | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] |
| 2025/07/11 12:30 | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] |
| 2025/07/11 13:00 | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] | [redacted] |
| 2025/07/11 13:30 | [redacted] | [redacted] | [redacted] | [redacted] | 959.56 | 0.59 | [redacted] | 10,003.60 | 183.56 |
| 2025/07/11 14:00 | 2.84 | 0.83 | 15.01 | 0.00 | 932.11 | 0.41 | 7.50 | 13,888.70 | 182.99 |
| 2025/07/11 14:30 | 2.90 | 0.78 | 10.18 | 0.00 | 909.87 | 0.41 | 7.63 | 13,641.50 | 182.56 |
| 2025/07/11 15:00 | 2.87 | 0.73 | 8.32 | 0.00 | 938.03 | 0.40 | 6.78 | 14,731.80 | 182.63 |
| 2025/07/11 15:30 | 9.29 | 0.76 | 7.37 | 0.00 | 916.05 | 0.40 | 7.28 | 14,150.60 | 182.68 |
| 2025/07/11 16:00 | [redacted] | [redacted] | [redacted] | [redacted] | 920.25 | 0.51 | [redacted] | 11,251.40 | 182.69 |
| 2025/07/11 16:30 | 8.94 | 0.75 | 8.16 | 0.00 | 922.77 | 0.38 | 6.44 | 15,488.20 | 183.20 |
| 2025/07/11 17:00 | 2.14 | 0.79 | 5.62 | 0.00 | 914.19 | 0.38 | 6.85 | 14,747.40 | 183.44 |
| 2025/07/11 17:30 | 5.65 | 0.78 | 5.23 | 0.00 | 934.12 | 0.38 | 6.59 | 15,121.60 | 183.54 |
| 2025/07/11 18:00 | 4.08 | 0.81 | 6.18 | 0.00 | 939.51 | 0.38 | 6.68 | 14,916.00 | 183.51 |
| 2025/07/11 18:30 | 2.06 | 0.84 | 10.67 | 0.00 | 963.20 | 0.38 | 6.52 | 15,124.90 | 183.53 |
| 2025/07/11 19:00 | 1.79 | 0.90 | 6.94 | 0.00 | 911.09 | 0.41 | 7.42 | 13,805.10 | 182.58 |
| 2025/07/11 19:30 | 2.12 | 0.90 | 4.31 | 0.00 | 897.23 | 0.41 | 7.52 | 13,588.50 | 181.55 |
| 2025/07/11 20:00 | [redacted] | [redacted] | [redacted] | [redacted] | 926.87 | 0.50 | [redacted] | 12,057.90 | 181.72 |
| 2025/07/11 20:30 | 3.24 | 0.17 | 2.97 | 0.00 | 912.42 | 0.39 | 6.83 | 14,578.70 | 182.47 |
| 2025/07/11 21:00 | 6.52 | 0.20 | 2.79 | 0.00 | 918.31 | 0.38 | 6.78 | 14,713.90 | 182.71 |
| 2025/07/11 21:30 | 3.59 | 0.22 | 2.47 | 0.00 | 905.65 | 0.40 | 7.04 | 14,345.60 | 182.75 |
| 2025/07/11 22:00 | 4.99 | 0.20 | 1.95 | 0.00 | 898.19 | 0.41 | 7.38 | 13,810.30 | 182.56 |
| 2025/07/11 22:30 | 2.96 | 0.19 | 1.66 | 0.00 | 879.88 | 0.42 | 7.57 | 13,495.20 | 182.06 |
| 2025/07/11 23:00 | 11.23 | 0.19 | 1.53 | 0.00 | 870.88 | 0.42 | 7.73 | 13,533.60 | 181.61 |
| 2025/07/11 23:30 | 30.42 | 0.20 | 0.88 | 0.00 | 920.35 | 0.40 | 6.66 | 14,799.20 | 181.73 |

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

# 측정자료이력(stack #1)

| 결재 | 담 당 | 조 장 | 팀 장 | 소 장 |
|---|---|---|---|---|
| | 천학수 | 정정보 | 최서영 | |

- 측정소명 : 경산시 자원회수시설 stack #1 (30분 자료 - 보정후 값)
- 조회기간 : 2025/07/12 00:00 ~ 2025/07/12 23:55

| 측정항목코드 | 001 COb | 001 HCL | 001 NOX | 001 SO2 | 001 TM1 | 001 TSP | 001 O2b | 001 FL1 | 001 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 | 1.45 | 0.14 | 0.01 | 0.00 | 854.51 | 0.36 | 5.66 | 12,101.30 | 180.44 |
| 측정 최대값 | 27.95 | 0.65 | 2.66 | 0.00 | 988.88 | 0.47 | 9.14 | 16,058.10 | 183.37 |
| 측정 누적값 | 232.21 | 17.97 | 30.97 | 0.00 | 38,826.42 | 16.78 | 300.60 | 583,173 | 7,619.71 |
| 측정 평균값 | 5.53 | 0.43 | 0.74 | 0.00 | 924.44 | 0.40 | 7.16 | 13,885.07 | 181.42 |
| 2025/07/12 00:00 | [redacted] | [redacted] | [redacted] | [redacted] | 899.43 | 0.52 | [redacted] | 11,608.10 | 182.09 |
| 2025/07/12 00:30 | 2.33 | 0.52 | 0.98 | 0.00 | 854.68 | 0.47 | 8.80 | 12,101.30 | 181.57 |
| 2025/07/12 01:00 | 2.27 | 0.51 | 1.17 | 0.00 | 854.51 | 0.47 | 9.14 | 12,107.00 | 180.79 |
| 2025/07/12 01:30 | 3.76 | 0.50 | 0.80 | 0.00 | 900.43 | 0.41 | 7.70 | 13,626.30 | 180.66 |
| 2025/07/12 02:00 | 3.42 | 0.48 | 0.21 | 0.00 | 934.16 | 0.40 | 6.98 | 14,069.50 | 181.50 |
| 2025/07/12 02:30 | 1.45 | 0.47 | 0.57 | 0.00 | 943.83 | 0.40 | 7.15 | 13,941.50 | 181.65 |
| 2025/07/12 03:00 | 2.01 | 0.50 | 0.30 | 0.00 | 924.97 | 0.41 | 7.51 | 13,612.60 | 181.55 |
| 2025/07/12 03:30 | 1.91 | 0.47 | 0.49 | 0.00 | 938.55 | 0.40 | 6.94 | 14,533.80 | 181.99 |
| 2025/07/12 04:00 | [redacted] | [redacted] | [redacted] | [redacted] | 946.45 | 0.52 | [redacted] | 11,209.90 | 182.53 |
| 2025/07/12 04:30 | 25.40 | 0.33 | 1.40 | 0.00 | 988.88 | 0.37 | 5.73 | 16,058.10 | 182.91 |
| 2025/07/12 05:00 | 1.80 | 0.42 | 1.60 | 0.00 | 940.67 | 0.41 | 7.36 | 13,927.40 | 183.37 |
| 2025/07/12 05:30 | 1.71 | 0.47 | 1.58 | 0.00 | 923.79 | 0.42 | 7.70 | 13,453.10 | 182.75 |
| 2025/07/12 06:00 | 1.52 | 0.42 | 0.99 | 0.00 | 935.52 | 0.41 | 7.17 | 14,144.20 | 182.10 |
| 2025/07/12 06:30 | 27.95 | 0.33 | 0.75 | 0.00 | 977.62 | 0.37 | 5.66 | 15,140.90 | 182.10 |
| 2025/07/12 07:00 | 2.62 | 0.39 | 0.71 | 0.00 | 946.10 | 0.39 | 6.56 | 14,362.40 | 181.94 |
| 2025/07/12 07:30 | 3.30 | 0.39 | 2.66 | 0.00 | 984.49 | 0.38 | 5.98 | 15,274.20 | 182.05 |
| 2025/07/12 08:00 | [redacted] | [redacted] | [redacted] | [redacted] | 954.63 | 0.50 | [redacted] | 11,865.70 | 181.69 |
| 2025/07/12 08:30 | 2.24 | 0.44 | 2.66 | 0.00 | 936.34 | 0.39 | 6.93 | 14,092.90 | 181.21 |
| 2025/07/12 09:00 | 14.35 | 0.40 | 0.82 | 0.00 | 931.73 | 0.38 | 6.64 | 14,286.10 | 180.90 |
| 2025/07/12 09:30 | 4.32 | 0.35 | 1.36 | 0.00 | 946.35 | 0.38 | 6.54 | 14,298.00 | 181.05 |
| 2025/07/12 10:00 | 10.63 | 0.24 | 0.84 | 0.00 | 971.75 | 0.36 | 5.98 | 14,900.50 | 181.30 |
| 2025/07/12 10:30 | 10.18 | 0.16 | 0.78 | 0.00 | 967.39 | 0.36 | 6.06 | 14,815.10 | 181.51 |
| 2025/07/12 11:00 | 2.51 | 0.14 | 0.18 | 0.00 | 894.80 | 0.41 | 7.66 | 12,832.10 | 181.20 |
| 2025/07/12 11:30 | 2.07 | 0.14 | 0.73 | 0.00 | 915.08 | 0.40 | 7.27 | 13,364.40 | 180.54 |
| 2025/07/12 12:00 | [redacted] | [redacted] | [redacted] | [redacted] | 945.77 | 0.47 | [redacted] | 12,251.10 | 180.76 |
| 2025/07/12 12:30 | 4.07 | 0.60 | 1.02 | 0.00 | 929.39 | 0.39 | 7.05 | 13,402.10 | 180.92 |
| 2025/07/12 13:00 | 3.55 | 0.56 | 1.89 | 0.00 | 958.77 | 0.38 | 6.09 | 14,737.90 | 181.52 |
| 2025/07/12 13:30 | 3.69 | 0.58 | 0.75 | 0.00 | 922.31 | 0.40 | 7.08 | 13,559.50 | 181.55 |
| 2025/07/12 14:00 | 1.97 | 0.64 | 0.55 | 0.00 | 913.33 | 0.40 | 7.07 | 13,288.60 | 181.23 |
| 2025/07/12 14:30 | 2.38 | 0.65 | 0.68 | 0.00 | 854.59 | 0.44 | 8.47 | 12,390.20 | 180.86 |
| 2025/07/12 15:00 | 5.05 | 0.63 | 0.63 | 0.00 | 896.72 | 0.39 | 7.38 | 13,706.60 | 180.44 |
| 2025/07/12 15:30 | 12.46 | 0.62 | 0.35 | 0.00 | 900.77 | 0.40 | 7.14 | 14,034.30 | 181.68 |
| 2025/07/12 16:00 | [redacted] | [redacted] | [redacted] | [redacted] | 873.50 | 0.53 | [redacted] | 10,685.20 | 181.90 |
| 2025/07/12 16:30 | 14.20 | 0.35 | 0.10 | 0.00 | 882.98 | 0.41 | 7.67 | 13,155.70 | 181.22 |
| 2025/07/12 17:00 | 4.56 | 0.35 | 0.08 | 0.00 | 887.13 | 0.42 | 7.77 | 13,261.40 | 180.46 |
| 2025/07/12 17:30 | 3.85 | 0.36 | 0.18 | 0.00 | 915.25 | 0.39 | 7.23 | 13,770.20 | 180.70 |
| 2025/07/12 18:00 | 2.27 | 0.36 | 0.02 | 0.00 | 894.21 | 0.43 | 8.14 | 12,635.30 | 181.26 |
| 2025/07/12 18:30 | 2.72 | 0.33 | 0.18 | 0.00 | 937.19 | 0.40 | 7.32 | 13,625.00 | 181.62 |
| 2025/07/12 19:00 | 2.15 | 0.33 | 0.01 | 0.00 | 912.61 | 0.41 | 7.77 | 13,151.20 | 181.75 |
| 2025/07/12 19:30 | 2.09 | 0.37 | 0.14 | 0.00 | 904.94 | 0.42 | 7.77 | 13,372.80 | 181.59 |
| 2025/07/12 20:00 | [redacted] | [redacted] | [redacted] | [redacted] | 920.08 | 0.50 | [redacted] | 11,386.50 | 181.08 |
| 2025/07/12 20:30 | 4.39 | 0.44 | 0.20 | 0.00 | 902.55 | 0.40 | 7.58 | 13,710.00 | 181.38 |
| 2025/07/12 21:00 | 20.80 | 0.39 | 0.21 | 0.00 | 935.51 | 0.38 | 6.91 | 14,397.90 | 181.47 |
| 2025/07/12 21:30 | 1.69 | 0.46 | 0.61 | 0.00 | 935.40 | 0.38 | 6.99 | 14,327.90 | 181.16 |
| 2025/07/12 22:00 | 2.06 | 0.48 | 0.50 | 0.00 | 922.75 | 0.40 | 7.26 | 14,006.20 | 181.10 |
| 2025/07/12 22:30 | 1.96 | 0.46 | 0.54 | 0.00 | 938.47 | 0.38 | 6.77 | 14,572.00 | 180.90 |
| 2025/07/12 23:00 | 4.26 | 0.47 | 0.48 | 0.00 | 936.61 | 0.38 | 6.81 | 14,460.20 | 181.01 |
| 2025/07/12 23:30 | 4.29 | 0.47 | 0.27 | 0.00 | 933.30 | 0.39 | 6.87 | 14,666.50 | 181.25 |

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

# 측정자료이력(stack #1)

| 결재 | 담 당 | 조 장 | 팀 장 | 소 장 |
|---|---|---|---|---|
| | 김재홍 | 정성보 | 최서영 | |

- 측정소명 : 경산시 자원회수시설 stack #1 (30분 자료 - 보정후 값)
- 조회기간 : 2025/07/13 00:00 ~ 2025/07/13 23:55

| 측정항목코드 | 001 COb | 001 HCL | 001 NOX | 001 SO2 | 001 TM1 | 001 TSP | 001 O2b | 001 FL1 | 001 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 | 1.06 | 0.06 | 0.00 | 0.00 | 873.12 | 0.36 | 5.63 | 12,032.20 | 179.31 |
| 측정 최대값 | 37.19 | 0.62 | 1.77 | 0.00 | 1,004.58 | 0.45 | 8.54 | 15,784.10 | 182.18 |
| 측정 누적값 | 244.06 | 14.66 | 17.06 | 0.00 | 38,731.69 | 16.38 | 294.84 | 586,542 | 7,591.57 |
| 측정 평균값 | 5.81 | 0.35 | 0.41 | 0.00 | 922.18 | 0.39 | 7.02 | 13,965.28 | 180.75 |
| 2025/07/13 00:00 | | | | | 923.58 | 0.50 | | 11,992.90 | 181.43 |
| 2025/07/13 00:30 | 9.85 | 0.24 | 0.29 | 0.00 | 955.90 | 0.38 | 6.45 | 14,935.60 | 181.59 |
| 2025/07/13 01:00 | 22.99 | 0.23 | 0.87 | 0.00 | 1,004.58 | 0.36 | 5.63 | 15,784.10 | 181.68 |
| 2025/07/13 01:30 | 1.52 | 0.22 | 1.69 | 0.00 | 978.07 | 0.38 | 6.39 | 14,960.50 | 181.88 |
| 2025/07/13 02:00 | 2.72 | 0.25 | 1.77 | 0.00 | 968.21 | 0.39 | 6.53 | 14,506.50 | 181.13 |
| 2025/07/13 02:30 | 5.41 | 0.25 | 1.50 | 0.00 | 973.80 | 0.38 | 6.36 | 14,524.70 | 180.27 |
| 2025/07/13 03:00 | 10.11 | 0.23 | 0.81 | 0.00 | 958.70 | 0.38 | 6.53 | 14,588.70 | 180.15 |
| 2025/07/13 03:30 | 2.72 | 0.24 | 1.01 | 0.00 | 957.67 | 0.37 | 6.26 | 14,834.30 | 180.39 |
| 2025/07/13 04:00 | | | | | 951.24 | 0.50 | | 11,815.00 | 180.51 |
| 2025/07/13 04:30 | 5.01 | 0.43 | 0.53 | 0.00 | 922.27 | 0.39 | 7.06 | 13,844.60 | 180.01 |
| 2025/07/13 05:00 | 37.19 | 0.34 | 0.79 | 0.00 | 980.48 | 0.36 | 5.66 | 15,571.30 | 180.14 |
| 2025/07/13 05:30 | 2.24 | 0.42 | 1.62 | 0.00 | 951.67 | 0.38 | 6.63 | 14,304.00 | 180.63 |
| 2025/07/13 06:00 | 15.31 | 0.43 | 0.61 | 0.00 | 926.45 | 0.39 | 6.93 | 14,069.90 | 180.01 |
| 2025/07/13 06:30 | 8.14 | 0.43 | 0.78 | 0.00 | 931.80 | 0.39 | 6.77 | 14,362.30 | 179.89 |
| 2025/07/13 07:00 | 4.65 | 0.45 | 0.67 | 0.00 | 917.89 | 0.39 | 6.95 | 14,183.70 | 180.24 |
| 2025/07/13 07:30 | 1.76 | 0.47 | 0.29 | 0.00 | 893.52 | 0.40 | 7.53 | 13,825.10 | 180.16 |
| 2025/07/13 08:00 | | | | | 932.91 | 0.48 | | 12,277.80 | 180.56 |
| 2025/07/13 08:30 | 3.11 | 0.31 | 0.18 | 0.00 | 891.53 | 0.41 | 7.61 | 13,474.10 | 180.75 |
| 2025/07/13 09:00 | 2.48 | 0.16 | 0.14 | 0.00 | 907.75 | 0.38 | 7.07 | 14,026.20 | 180.47 |
| 2025/07/13 09:30 | 14.48 | 0.08 | 0.02 | 0.00 | 929.09 | 0.37 | 6.49 | 14,728.90 | 180.58 |
| 2025/07/13 10:00 | 8.60 | 0.06 | 0.04 | 0.00 | 936.41 | 0.36 | 6.24 | 15,024.00 | 181.63 |
| 2025/07/13 10:30 | 2.89 | 0.08 | 0.00 | 0.00 | 894.55 | 0.40 | 7.31 | 13,707.40 | 181.94 |
| 2025/07/13 11:00 | 1.64 | 0.10 | 0.00 | 0.00 | 884.05 | 0.41 | 7.71 | 12,983.70 | 180.85 |
| 2025/07/13 11:30 | 1.71 | 0.08 | 0.03 | 0.00 | 923.07 | 0.38 | 6.85 | 14,287.00 | 180.78 |
| 2025/07/13 12:00 | | | | | 897.07 | 0.49 | | 11,454.50 | 181.74 |
| 2025/07/13 12:30 | 1.40 | 0.59 | 0.07 | 0.00 | 903.81 | 0.39 | 7.38 | 13,561.20 | 181.60 |
| 2025/07/13 13:00 | 1.57 | 0.61 | 0.03 | 0.00 | 887.85 | 0.40 | 7.83 | 12,936.20 | 181.10 |
| 2025/07/13 13:30 | 2.89 | 0.60 | 0.00 | 0.00 | 893.59 | 0.40 | 7.64 | 13,154.90 | 180.83 |
| 2025/07/13 14:00 | 3.55 | 0.59 | 0.03 | 0.00 | 913.17 | 0.38 | 6.99 | 13,961.90 | 180.57 |
| 2025/07/13 14:30 | 1.88 | 0.57 | 0.10 | 0.00 | 910.38 | 0.38 | 6.87 | 14,122.50 | 181.51 |
| 2025/07/13 15:00 | 1.49 | 0.62 | 0.00 | 0.00 | 894.85 | 0.40 | 7.51 | 13,443.60 | 181.67 |
| 2025/07/13 15:30 | 1.79 | 0.60 | 0.01 | 0.00 | 912.29 | 0.39 | 7.22 | 13,665.20 | 181.60 |
| 2025/07/13 16:00 | | | | | 940.37 | 0.48 | | 12,050.60 | 182.02 |
| 2025/07/13 16:30 | 1.65 | 0.38 | 0.36 | 0.00 | 910.77 | 0.39 | 7.13 | 13,970.10 | 182.18 |
| 2025/07/13 17:00 | 11.74 | 0.39 | 0.02 | 0.00 | 897.41 | 0.40 | 7.18 | 13,931.40 | 181.82 |
| 2025/07/13 17:30 | 3.22 | 0.39 | 0.00 | 0.00 | 889.85 | 0.38 | 6.99 | 14,272.50 | 181.79 |
| 2025/07/13 18:00 | 11.24 | 0.37 | 0.00 | 0.00 | 891.51 | 0.39 | 7.03 | 13,938.50 | 181.77 |
| 2025/07/13 18:30 | 1.40 | 0.36 | 0.00 | 0.00 | 906.51 | 0.39 | 7.45 | 13,107.70 | 181.03 |
| 2025/07/13 19:00 | 1.64 | 0.40 | 0.03 | 0.00 | 921.56 | 0.38 | 7.18 | 13,451.30 | 180.32 |
| 2025/07/13 19:30 | 6.42 | 0.42 | 0.05 | 0.00 | 924.07 | 0.39 | 7.15 | 13,617.80 | 180.23 |
| 2025/07/13 20:00 | | | | | 910.51 | 0.51 | | 11,094.00 | 180.65 |
| 2025/07/13 20:30 | 1.45 | 0.29 | 0.54 | 0.00 | 923.71 | 0.40 | 7.26 | 13,630.90 | 180.08 |
| 2025/07/13 21:00 | 14.95 | 0.30 | 0.58 | 0.00 | 972.57 | 0.37 | 6.19 | 14,844.40 | 180.12 |
| 2025/07/13 21:30 | 1.71 | 0.31 | 0.42 | 0.00 | 932.81 | 0.41 | 7.37 | 13,283.90 | 180.31 |
| 2025/07/13 22:00 | 1.06 | 0.33 | 0.18 | 0.00 | 891.25 | 0.42 | 7.79 | 12,779.30 | 179.75 |
| 2025/07/13 22:30 | 1.58 | 0.36 | 0.30 | 0.00 | 873.12 | 0.45 | 8.54 | 12,032.20 | 179.31 |
| 2025/07/13 23:00 | 1.39 | 0.34 | 0.30 | 0.00 | 876.19 | 0.43 | 8.11 | 12,569.40 | 179.46 |
| 2025/07/13 23:30 | 5.51 | 0.34 | 0.40 | 0.00 | 916.96 | 0.39 | 7.07 | 13,740.30 | 179.35 |

[측정불가/결측] [동작불량] [전원단절] [보수중] [DL비정상] [DL전원단절] [알람값 초과] [규제값 초과]