

12-Month Rolling Period

Various Iowa air construction permits require facilities to track usage or hours of operation for a 12-month rolling period. Facilities are required to maintain this calculation to document compliance with permit limits. The operating limits and monitoring requirements sections of an Iowa air construction permit should be referenced for specific requirements.

All records should be kept on-site for a minimum of two years and shall be available for inspection by the Iowa Department of Natural Resources.

Definition (567 IAC 22.100)

A period of 12 consecutive months determined on a rolling basis with a new 12-month period beginning at the first day of each calendar month.

Calculating the 12-Month Rolling Period

Assume a permit limits an emissions unit to 6,000 hours of operation per 12-month rolling period and the unit is first operated in June 2024. The table below details the operation schedule and the 12-month rolling total calculation.

Steps for Calculating a 12-Month Rolling Total

1. For the first 12 months, track the total hours for each month.
2. At the end of 12 months, total the hours of operation for the year.
 - Example: 4,900
3. After the first 12 months, subtract the first month from the total and add the next month.
 - Example: $4,900 - 300 + 150 = 4,750$
4. Repeat step 3 for each additional month.
 - Example: $4,750 - 200 + 500 = 5,050$

Operation Schedule Example

| Number of Months | Month, Year | Hours Operated (Hours/Month) | 12-Month Rolling Total (Hours/Year) |
|------------------|----------------|------------------------------|-------------------------------------|
| 1 | June 2024 | 300 | |
| 2 | July 2024 | 200 | |
| 3 | August 2024 | 400 | |
| 4 | September 2024 | 600 | |
| 5 | October 2024 | 300 | |
| 6 | November 2024 | 400 | |
| 7 | December 2024 | 400 | |
| 8 | January 2025 | 450 | |
| 9 | February 2025 | 550 | |
| 10 | March 2025 | 450 | |
| 11 | April 2025 | 550 | |
| 12 | May 2025 | 300 | 4,900 |
| 13 | June 2025 | 150 | 4,750 |
| 14 | July 2025 | 500 | 5,050 |
| 15 | August 2025 | 550 | 5,200 |

12-Month Rolling Period Log Sheet

| Number of Months | Month, Year | Hours Operated (Hours/Month) | 12-Month Rolling Total (Hours/Year) |
|------------------|-------------|---------------------------------|--|
| 1 | | | |
| 2 | | | |
| 3 | | | |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| 11 | | | |
| 12 | | | |
| 13 | | | |
| 14 | | | |
| 15 | | | |

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