



**Iowa Department of Natural Resources  
Air Quality Bureau  
6200 Park Ave Ste 200  
Des Moines IA 50321**

## **NO<sub>x</sub>/SO<sub>2</sub> Monitor Quarterly Report**

Plant: \_\_\_\_\_ Date: \_\_\_\_\_

Source: \_\_\_\_\_ Reported By: \_\_\_\_\_

Pollutant: \_\_\_\_\_

Applicable Standard(s): \_\_\_\_\_

Data Summary (See reverse side for instructions)

### **Month**

1. Total hours source operated including startup and shutdown	_____	_____	_____
2. Total hours source exceeded applicable allowable during periods of startup and shutdown	_____	_____	_____
3. Total hours source exceeded applicable allowable excluding periods of startup and shutdown	_____	_____	_____
4. Total hours monitor did not operate while source was in operation	_____	_____	_____
5. Total days zero drift exceeded 5% (24 hours)	_____	_____	_____
6. Total days span drift exceeded 5% (24 hours)	_____	_____	_____

This is to certify that I am responsible for this source's continuous monitoring equipment and that the information submitted in this report is true and accurate to the best of my knowledge and belief.

Name: \_\_\_\_\_

Signature: \_\_\_\_\_

\*As required by 567 IAC 23.1 or 567 IAC 21.10(6)

### **Reporting Requirements**

For reporting purposes, all continuous monitoring data other than opacity shall be reduced to one-hour averages, the first beginning on the hour. The one-hour averages shall be reported in the units of the applicable standard per 40 CFR 60.13(h) or permit. For the purpose of the reports under 40 CFR 60.7 and 567 IAC 21.10(6), periods of excess emissions shall be all three-hour periods (or the arithmetic average of three consecutive one-hour periods, as specified in the applicable subpart, or permit) during which the integrated averaged emissions exceeded the applicable standard.

For all averaged one-hour periods during which the applicable standard was exceeded, the actual readings must be attached separately to this report with the following information:

1. The time, date, and magnitude of each excess emission.
2. Specific identification of each period of excess emissions that occurred during startup, shutdown, or malfunction along with the corrective action or preventive measure taken.
3. The time and date of each period where the monitoring system was inoperative, except for zero and span checks.
4. When no excess emissions occurred and there were no periods during which the monitor(s) were inoperative, such information shall be reported.

### **Data Summary Explanation**

Line 1. Cumulative number of hours the source was in operation during the month, including startup and shutdown.

Line 2. Cumulative number of hours the source exceeded the applicable standard during startup and shutdown.

Line 3. Cumulative number of hours the source exceeded the applicable standard not including startup and shutdown hours.

Line 4. Cumulative number of hours the continuous monitor did not operate during source operation. The time reported must include periods the monitor was inoperative, operated outside of certification ranges, monitor was out of control, or malfunctioning while the source required to be continuously monitored was in operation. Reasons and corrective actions taken must be listed and explained separately.

Line 5. Report the total number of days the gas value recorded during the daily simulated zero check differed from actual zero by more than 5%.

Line 6. Report the total number of days the gas value recorded during the span check differed from the actual span gas value by more than 5%.

- The CMS Quarterly report is due to the DNR even if the information to be reported is zero. If no source operation, excess emissions periods, continuous monitor downtime, calibration range exceedances, or emission levels above span gas value occurred during the reporting period, enter zero hours for each month when submitting the report.