



## Opacity Monitor Quarterly report

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

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

Applicable Allowable Opacity: \_\_\_\_\_ % Span Value: \_\_\_\_\_

Data Summary (See reverse side for instructions)

**Month**

	_____	_____	_____
1. Total hours source operated including startup and shutdown	_____	_____	_____
2. Total hours source exceeded applicable allowable opacity	_____	_____	_____
3. Total hours source exceeded applicable allowable opacity during periods of startup and shutdown	_____	_____	_____
4. Total hours source exceeded applicable allowable opacity excluding exemptions Under IAC 567-- 21.7(1) or 23.1(2)	_____	_____	_____
5. Total hours monitor did not operate while source was in operation	_____	_____	_____
6. Total days zero drift exceeded 4% (24 hours)	_____	_____	_____
7. Total days span drift exceeded 4% (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 IAC 567--23.1(2) or 21.10(6)

### **Reporting Requirements**

For reporting purposes, all opacity data shall be reduced to six-minute averages. Six-minute averages shall be calculated from 24 or more data points equally spaced over each six-minute period. Unless a specific applicable standard requires a different averaging time to demonstrate compliance with the opacity standard. In these cases, the data shall be reported in the averaging time provided in the applicable standard. If the averaging time is not specifically provided the data shall be reported as six-minute averages.

For all averaged six-minute periods during which the applicable allowable opacity 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. Written reports filed pursuant to Chapter 24 shall be referenced either by date of submittal or attached to the quarterly report.
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.

Where any given six-minute period qualifies for an exemption under Subrule 21.7(1) or 23.2(2), the exempt period must be noted on the submitted readings.

### **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 exceeded applicable allowable opacity standard.

Line 3. Cumulative number of hours the exceeded applicable allowable opacity standard during startup and shutdown

Line 4. Cumulative number of hours the exceeded applicable allowable opacity standard excluding the hours for which exemptions were claimed under Subrule 21.7(1) or 23.2(2).

Line 5. Cumulative number of hours the opacity monitor did not operate during source operation. Periods the monitor was inoperative or malfunctioning, reasons and corrective actions taken must be listed and explained separately.

Line 6. Report the total number of days the opacity recorded during the daily simulated zero check differed from actual zero by more than 4%.

Line 7. Report the total number of days the opacity recorded during the span check differed from the actual span by more than 4%.

- The COMS 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 value occurred during the reporting period, enter zero hours for each month when submitting the report.