

Performance Testing

Why is Performance Testing Performed?

Performance Testing is performed to determine the compliance status of a source. Continuous emission monitoring systems (CEMS) performance evaluations are performed to certify that an installed CEMS is operating properly.

From the time of initial plant start-up, a time frame is set up by which the facility must conduct both performance (compliance) tests and a performance specification test (PST). While the actual date that the performance test must be conducted is not specified, it must meet the following timelines under 40 CFR Part 60:

- The performance tests and report must be **completed** and **submitted** to EPA within 60 days after achieving the maximum production rate, or
- The performance test AND report must be **completed** and **submitted** to EPA by the 180th day, whichever is earlier.

Important CFR Information Related to Performance Testing

40 CFR Part 61	Requires that the test must be conducted within 90 days of initial startup and the test report must be submitted within 31 days after the test is complete.
40 CFR Part 63	Requires that the test must be conducted within 180 days of initial startup (for new sources) or 3 years and 180 days (for existing sources). The test report must be submitted within 60 days after the test is completed.
40 CFR 60.13	Requires that the performance evaluation of CEMS be conducted during the performance tests or within 30 days of completing the performance test. 40 CFR 63.8 requires that the performance evaluation of CEMS be conducted during the compliance test, or if no performance is conducted, within 180 days of the compliance date. Under both Parts 60 and 63, the test report must be submitted within 60 days of completion of the test.
Part 61	Does not have requirements for CEMS testing in the General Provisions.

Regulation	Performance Testing	CEMS Performance Evaluation
40 CFR Part 60	Within 60 days after achieving max production rate; no later than 180 days. Must notify regulatory agency 30 days prior to testing date. 40 CFR 60.8	Within 180 days of start-up 40 CFR 60.13
40 CFR Part 61	Within 90 days of startup. Must notify regulatory agency 30 days prior to testing date. 40 CFR 61.13	Within 180 days of start-up
40 CFR Part 63	Within 180 days after initial startup. Must notify regulatory agency 60 calendar days prior to testing date. 40 CFR 63.	Within 180 days of start-up Must notify regulatory agency 60 calendar days prior to testing date. 40 CFR 63.8
40 CFR Part 75	N/A	Within 180 days of start-up