



State of New Jersey

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Memorandum

To: Air Quality Permitting Staff

From: Kenneth Ratzman, Assistant Director 

Subject: Revised Guidance on Averaging Period for Continuous Emission Monitoring Systems (CEMS)

Date: July 7, 2016

This memorandum supersedes the February 7, 2008 and May 6, 2008 memorandums on the same subject. This memorandum provides guidance on selecting appropriate CEMS averaging times for compliance with emission limits for new and/or modified sources. The CEMS averaging period depends on a number of factors. The following hierarchical list provides guidance based on order of precedence:

1. For all sources CEM compliance demonstration must be based on the averaging time specified in the rule (State or Federal) upon which the standard is based.
2. In some instances, SOTA/BACT/LAER permitted emission rates are based upon multiple averaging times for multiple standards for the same pollutant. For example, municipal solid waste incinerators have both a one-hour and a four-hour average emission rate for CO. In this case, the compliance plan must require multiple averaging times.
3. If there are no rule, regulation, SOTA, BACT, LAER, etc. specifications on CEMS averaging time, the default value shall be any three-hour rolling average based on a one-hour block average.
4. Case by case exceptions to the above require Section Chief approval.