

STATE OF COLORADO

Bill Ritter, Jr., Governor
James B. Martin, Executive Director

Dedicated to protecting and improving the health and environment of the people of Colorado

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Colorado Department
of Public Health
and Environment

OPERATING AND MAINTENANCE PLAN REQUIREMENTS

MAJOR SOURCES SUBJECT TO TITLE V OPERATING PERMIT PROGRAM

No separate operating and maintenance plan must be submitted. Information on the 500 series forms from the operating permit application submitted to the Division will be used to satisfy the operating and maintenance plan condition of the construction permit. The adequacy of the 500 series forms will be subject to review and approval by the operating permit review engineer.

SYNTHETIC MINOR SOURCES

Submit an operating and maintenance plan for Division approval, which includes the following as necessary:

- 1 Permit number reference
- 2 Manufacturer's recommended operating conditions during startups, shutdowns, and normal operation for equipment (for any pollution control equipment, include manufacturer's recommended operating procedures, which should include important control parameters such as pressure drops); and discussion at what high and/or low of each parameter should maintenance be performed and why
- 3 Manufacturer's recommended maintenance procedures including scheduled maintenance and preventive maintenance for equipment (including pollution control equipment)
- 4 Sample recordkeeping format **with actual data**.
- 5 Discussion of replacement and calibration schedules for important items such as; thermocouples, fuel flow meters, oxygen sensors, pressure transducers, etc.
- 6 If you are required to calculate emissions: sample calculations, calculated on a twelve-month rolling total, for criteria and non-criteria pollutants if applicable; a list of all emission factors used and their source; and removal or destruction efficiency and how it was generated, if calculations are based on such
- 7 If your operating and maintenance plan includes a sample analysis: a description of how, where, and what frequency the sample is pulled; a copy of the lab analysis methodology; discussion of QA/QC for the entire process; and explanation of how the analysis relates to compliance
- 8 Discussion of any other requirements addressed in the operating and maintenance plan condition of the permit

NOTE: It is acceptable to refer to other supporting documents prepared for the source as part of the compliance plan (i.e. manufacturer's specifications, monitoring plan, preventive maintenance plan, etc.).

TRUE MINOR SOURCES

In general, operating and maintenance plans are no longer required for true minor sources, therefore no compliance plan must be submitted unless the source has been notified otherwise. Existing permit conditions requiring compliance plans will be removed during the final approval process.

*Direct all compliance plan questions to your operating permit engineer for Title V sources;
or to Arch Crouse at (303)692-3150 for all other sources*