

# ENVIRONMENTAL QUALITY

## CHAPTER 8

### AIR QUALITY

#### Subchapter 17

##### Registration of Air Contaminant Sources

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## Subchapter 17

## Registration of Air Contaminant Sources

17.8.1701 DEFINITIONS For the purposes of this subchapter:

(1) "Emitting unit" means:

- (a) any equipment that emits or has the potential to emit any regulated air pollutant under the Clean Air Act of Montana through a stack(s) or vent(s); or
- (b) any equipment from which emissions consist solely of fugitive emissions of a regulated air pollutant under the Clean Air Act of Montana.

(2) "Potential to emit (PTE)" means the maximum capacity of a facility or emitting unit, within physical and operational design, to emit a pollutant. Any physical or operational limitation on the capacity of the facility or emitting unit to emit a pollutant, including air pollution control equipment and restrictions on hours of operation or on the type or amount of material combusted, stored, or processed, is treated as part of its design only if the limitation or the effect it would have on emissions is federally enforceable. Secondary emissions are not considered in determining potential to emit.

(3) "Registered facility" means any registration eligible facility that has been registered for operation under the requirements in this subchapter.

(4) "Registration" means identifying equipment and/or processes to the department in accordance with this subchapter.

(5) "Registration eligible facility" means an oil or gas well facility as defined in 75-2-103(13), MCA, and subject to the requirements of ARM 17.8.743.

(6) "VOC piping components" means valves, pumps, compressors, flanges, pressure relief valves and connectors, and other piping components that have VOC emissions. (History: 75-2-111, 75-2-234, MCA; IMP, 75-2-234, MCA; NEW, 2006 MAR p. 893, Eff. 4/7/06.)

17.8.1702 APPLICABILITY (1) The owner or operator of a registration eligible facility may register with the department in lieu of submitting an application for, and obtaining, a Montana air quality permit (MAQP). Nothing in this subchapter precludes an owner or operator from obtaining and/or maintaining a MAQP in accordance with ARM Title 17, chapter 8, subchapter 7.

(2) The owner or operator of an oil or gas well facility subject to the requirements of ARM Title 17, chapter 8, subchapter 12, is not eligible to register under this subchapter. (History: 75-2-111, 75-2-234, MCA; IMP, 75-2-234, MCA; NEW, 2006 MAR p. 893, Eff. 4/7/06.)

17.8.1703 REGISTRATION PROCESS AND INFORMATION (1) A registration eligible facility is registered upon the department's receipt of the form and information required in (2) and (3) and the appropriate fee required in ARM 17.8.1704. The department shall acknowledge receipt of a registration within 30 days after receiving the registration.

(2) The owner or operator shall provide the following information to the department, using a form provided by the department:

- (a) facility name and mailing address;
- (b) owner or operator's name, address, and telephone number;
- (c) physical location of facility (legal description to the nearest 1/4 section);
- (d) contact person and telephone number;
- (e) general nature of business;
- (f) standard industrial classification code (SIC);
- (g) SIC description;
- (h) narrative description of the site and facility; and
- (i) site map.

(3) The owner or operator shall provide the following additional equipment-specific information to the department for each emitting unit, including any air pollution control equipment:

- (a) manufacturer's name;
- (b) unit type;
- (c) date of manufacture; and
- (d) maximum rated design capacity.

(4) The owner or operator of a registered facility shall notify the department, using the registration form provided by the department, of any change(s) to the registration information, within 15 days after the change(s).

(5) The owner or operator of a registered facility that is modified and becomes subject to the provisions of 42 USC 7475, 7503, or 7661 shall meet the requirements of ARM Title 17, chapter 8, subchapters 8, 9, 10 and/or 12.

(6) The owner or operator of a registration eligible facility may not commence operations under the provisions of this subchapter until the facility has been registered with the department, except as provided in ARM 17.8.1710(1).

(7) The owner or operator of a registration eligible facility for which a valid MAQP has been issued may register with the department and request revocation of the MAQP. (History: 75-2-111, 75-2-234, MCA; IMP, 75-2-234, MCA; NEW, 2006 MAR p. 893, Eff. 4/7/06.)

17.8.1704 REGISTRATION FEE (1) The registration fee required by ARM 17.8.504 must be submitted to the department with each registration submitted under this subchapter. No fee is required for notifying the department, pursuant to ARM 17.8.1703(4), of changes to registration information.

(2) The registration fee must be paid in its entirety at the time the registration form is submitted to the department. (History: 75-2-111, 75-2-234, MCA; IMP, 75-2-234, MCA; NEW, 2006 MAR p. 893, Eff. 4/7/06.)

17.8.1705 OPERATING REQUIREMENTS: FACILITY-WIDE (1) The owner or operator of a registered facility shall allow the department's representatives access to the facility at all reasonable times for the purpose of making inspections or surveys, collecting samples, obtaining data, auditing any monitoring equipment, observing any monitoring or testing, and otherwise conducting all necessary functions related to this subchapter.

(2) The owner or operator of a registered facility shall monitor and record annual production information for all emission points, as required by the department in the annual emission inventory request. The request will include, but is not limited to, all emissions associated with emitting units registered to operate at the facility. Production information must be gathered on a calendar year basis and submitted to the department by the date required in the emission inventory request. Information must be in the units required by the department.

(3) The owner or operator of a registered facility shall maintain onsite records showing daily hours of operation and daily production rates and corresponding emission levels for the previous 12 months. The records compiled in accordance with this subchapter must be maintained by the owner or operator for at least five years following the date of the measurement, must be available at the plant site, unless otherwise specified in this subchapter, for inspection by the department, and must be submitted to the department upon request. (History: 75-2-111, 75-2-234, MCA; IMP, 75-2-234, MCA; NEW, 2006 MAR p. 893, Eff. 4/7/06.)

Rules 17.8.1706 through 17.8.1709 reserved

17.8.1710 OIL OR GAS WELL FACILITIES GENERAL REQUIREMENTS

(1) The owner or operator of a registration eligible oil or gas well facility may submit to the department a complete registration form, pursuant to ARM 17.8.1701 through 17.8.1705, within 60 days after the initial well completion date for the facility.

(2) The owner or operator of an oil or gas well facility who submits an application for a Montana air quality permit to the department prior to the effective date of this subchapter may request that the application be used in lieu of a registration form for registration of the oil or gas well facility by completing the form provided by the department.

(3) The owner or operator of a registered oil or gas well facility shall operate all emissions control equipment to provide the maximum air pollution control for which it was designed. (History: 75-2-111, 75-2-203, 75-2-211, 75-2-234, MCA; IMP, 75-2-211, 75-2-234, MCA; NEW, 2006 MAR p. 893, Eff. 4/7/06.)

17.8.1711 OIL OR GAS WELL FACILITIES EMISSION CONTROL REQUIREMENTS (1) The owner or operator of a registered oil or gas well facility shall install and operate the following air pollution control equipment and comply with the following air pollution control practices beginning at the time of registration:

(a) VOC vapors of 200 Btu/scf or greater from each piece of oil or gas well facility equipment, with a PTE greater than 15 tpy, must be captured and routed to a gas pipeline, routed to a smokeless combustion device equipped with an electronic ignition device or a continuous burning pilot system, meeting the requirements of 40 CFR 60.18, and operating at a 95% or greater control efficiency, or routed to air pollution control equipment with equal or greater control efficiency than a smokeless combustion device. The phrase "oil or gas well facility equipment" includes, but is not limited to, wellhead assemblies, amine units, prime mover engines, phase separators, heater treatment units, dehydrator units, tanks, and connecting tubing, but does not include equipment such as compressor engines used for transmission of oil or natural gas;

(b) hydrocarbon liquids must be loaded into, or unloaded from, transport vehicles using submerged fill technology;

(c) stationary internal combustion engines of rich-burn design greater than 85 brake horsepower (BHP) must be equipped with nonselective catalytic reduction or its equivalent to control air emissions; and

(d) stationary internal combustion engines of lean-burn design greater than 85 BHP must be equipped with oxidation catalytic reduction or its equivalent to control air emissions. (History: 75-2-111, 75-2-203, 75-2-234, MCA; IMP, 75-2-234, MCA; NEW, 2006 MAR p. 893, Eff. 4/7/06.)

17.8.1712 OIL OR GAS WELL FACILITIES INSPECTION AND REPAIR REQUIREMENTS (1) The owner or operator of an oil or gas well facility shall inspect all VOC piping components for leaks each calendar month. Leak detection methods may incorporate the use of sight, sound, or smell.

(2) The owner or operator shall make the first attempt to repair any leaking VOC equipment within five days after the leak is detected.

(3) The owner or operator shall repair any leaking VOC equipment as soon as practicable, but no later than 15 days after the leak is initially detected, unless the repair is technically infeasible without a facility shutdown. Such equipment shall be repaired before the end of the first facility shutdown after the leak is initially detected. (History: 75-2-111, 75-2-234, MCA; IMP, 75-2-234, MCA; NEW, 2006 MAR p. 893, Eff. 4/7/06.)

17.8.1713 OIL OR GAS WELL FACILITIES RECORDKEEPING AND REPORTING REQUIREMENTS

(1) The owner or operator of an oil or gas well facility shall record, and maintain onsite or at a central field office, a record of each monthly inspection required by ARM 17.8.1712.

(2) Inspection records must include, at a minimum, the following information:

- (a) the date of the inspection;
- (b) the findings of the inspection;
- (c) the leak determination method used;
- (d) any corrective action taken; and
- (e) the inspector's name and signature.

(3) All records of inspection and repair must be kept as a permanent business record for at least five years, be available for department inspections, and be submitted to the department upon request.

(4) The owner or operator of a registration eligible oil or gas well facility with a detectible level of hydrogen sulfide from the well shall submit, with the registration form, an air quality analysis demonstrating compliance with ARM 17.8.210 and 17.8.214. (History: 75-2-111, 75-2-234, MCA; IMP, 75-2-234, MCA; NEW, 2006 MAR p. 893, Eff. 4/7/06.)

