

7019.3020 CALCULATING ACTUAL EMISSIONS FOR EMISSION INVENTORY.

Subpart 1. **Scope.** Emissions from all emissions units must be reported in the annual emissions inventory report in a format specified by the commissioner.

Subp. 2. **Insignificant activities.** Emission reporting facilities and air toxics reporting facilities are not required to report emissions from insignificant activities listed in part 7007.1300 and conditionally insignificant activities listed in part 7008.4000 unless:

A. the commissioner or owner or operator has determined that emissions from those activities are not insignificant for purposes of permitting under parts 7007.0100 to 7007.1800 or for those activities required to be quantified by a facility issued a capped permit option 1; or

B. the commissioner requests an inventory of fugitive emissions from roads and parking lots, defined as insignificant under part 7007.1300, subpart 3, item G, upon determining that emissions from these sources represent a substantial portion of the facility's total emissions.

Subp. 3. **Calculating emissions.** Except as provided in subparts 4 to 7, all owners or operators of emission reporting facilities, as defined in part 7002.0015, subpart 3a, or facilities issued option B registration permits under part 7007.1120 that choose to be assessed a fee under part 7002.0025, subpart 1, item C, subitem (1), must calculate emissions based on parts 7019.3030 to 7019.3100, except for any facility that has obtained an option A, C, or D registration permit under part 7007.1115, 7007.1125, or 7007.1130 or a capped permit under parts 7007.1140 to 7007.1148.

Subp. 4. **Calculating emissions for option A permits.** Owners or operators of emission reporting facilities that hold an air emission permit under part 7007.1115, registration permit option A, must report actual emissions calculated for the calendar year for which emissions are being reported in a format specified by the commissioner. The owners or operators of a facility issued an option A registration permit under part 7007.1115 must calculate emissions for all emission units using the methods listed in parts 7019.3030 to 7019.3100.

Subp. 5. **Calculating emissions for option C permits.** All owners or operators of emission reporting facilities that have obtained an air emission permit under part 7007.1125, registration permit option C, must report the quantity of each fuel purchased or used (whichever was stated in the facility's registration permit application) in the calendar year for which emissions are being calculated. The report must apportion the quantity of fuel burned with the type of combustion unit (indirect heating units or internal combustion engines) that it was burned in. The owner or operator must report the quantity of VOC-containing materials purchased or used (whichever is stated in the facility's registration permit application) in the calendar year for which emissions are being calculated and air toxics emissions using the method listed in part 7019.3060. The owners or operators reporting VOC-containing materials purchases or usage must also report the weight factor (WF) of the VOC and air toxics in the materials (weight of VOC per weight of VOC-containing materials) and the density of the materials.

Subp. 6. **Calculating emissions for option D permits.** All owners or operators of emission reporting facilities that have obtained an air emission permit under part 7007.1130, registration permit option D, must report the actual emissions calculated for purposes of compliance

demonstration required in part 7007.1130, subpart 3, item E, for the calendar year for which emissions are being reported in a format specified by the commissioner.

Subp. 7. **Calculating emissions for capped permits.** All owners or operators of emission reporting facilities that have obtained an air emission permit under parts 7007.1140 to 7007.1148, capped permit, must report the actual emissions calculated for purposes of compliance demonstration required in part 7007.1146, subpart 2, item H, for the calendar year for which emissions are being reported for all emission units in a format specified by the commissioner.

Subp. 8. **Material balance.** All owners or operators of an emission reporting facility submitting an emission inventory based in whole, or in part, on a material balance calculation must submit a sample material balance calculation with the emission inventory. Such facilities must also maintain a record of the safety data sheets or vendor certification of the VOC, air toxics, mercury, or sulfur content of the material for each material or fuel used and the material balance calculations for five years after the date the emission inventory is submitted.

Subp. 9. **Control equipment.** An emission inventory may be based on the use of control equipment only if the use of the specific control equipment is required under conditions of a permit or applicable requirement as defined in part 7007.0100, subpart 7, or is included in a notification received by the commissioner under part 7007.1150, item C. This subpart applies upon issuance under chapter 7007 of a registration, state, capped, general, or part 70 permit to a stationary source.

Subp. 10. **Control efficiency factors.** An owner or operator submitting the emission inventory must apply control efficiency factors, as defined under part 7005.0100, subpart 9b, to air toxics emissions calculations according to items A and B, unless the control efficiency factor for the pollutant is identified in the permit. The owner or operator must:

- A. use the VOC control efficiency factor for volatile air toxics; and
- B. use the PM10 control efficiency factor for particulate air toxics.

Statutory Authority: *MS s 115.03; 116.062; 116.07*

History: *21 SR 165; 29 SR 626; 32 SR 904; 39 SR 386; 41 SR 763; 43 SR 797; 50 SR 365*

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