

DEPARTMENT OF ENVIRONMENTAL QUALITY

AIR QUALITY DIVISION

PART 2. AIR USE APPROVAL

R 336.1240 Required air quality models.

Rule 240. (1) All air quality modeling demonstrations required by the commission or used to support or amend the state implementation plan shall be made using 1 of the following models:

(a) An applicable model cited in the United States environmental protection agency's "Guideline on Air Quality Models", OAQPS, 1.2-080, April 1978.

(b) All of the following conditions are met:

(i) A request for utilization of an alternate model is submitted to the commission.

(ii) The applicant demonstrates that the alternate model is comparable to those required by subrule (1)(a), using methods similar to those outlined in the United States environmental protection agency workbook for the comparison of air quality models, OAQPS, April 1977.

(iii) The applicant demonstrates, by comparison with actual ambient monitor sampling results, that the alternate model predicts ambient concentrations as well as an approved model cited in the guideline referenced in subrule (1)(a).

(iv) The alternate model or its algorithms are sufficiently described and documented to enable the commission to duplicate results.

(v) Output from the alternate model is sufficient to enable comparison with any applicable ambient air quality standard.

(3) The use of an alternate model approved according to the requirements of subrule (2) may be extended for use by others in other instances, if such other usage is appropriate and has been suitably documented in the prior approval.

History: 1979 ACS 1, Eff. Jan. 19, 1980.