

UTAH STATE IMPLEMENTATION PLAN

SECTION II

REVIEW OF NEW AND MODIFIED AIR POLLUTION SOURCES

Adopted by the Utah Air Quality Board
December 18, 1992

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II.A Section 19-2-108, UCA, 1953, as amended, requires that prior to the initiation of construction or modification of an installation that might reasonably be expected to be a source of air pollution, the owner or operator of such source must submit to the Executive Secretary of the Utah Air Quality Board a notice of intent to construct. The law further gives the Executive Secretary the authority to require submission of plans and specifications for review prior to the initiation of construction or modification. The rules outline the types of sources which are subject to the notice of intent to construct requirement and specifically detail those types of sources which are exempted from the requirement. The following information is required to be submitted with the notice of intent to construct:

1. A description of the nature of the processes involved; the nature, procedures for handling and the quantities of raw materials; the type and quantity of fuels employed; and the nature and quantity of finished product.
2. Expected composition and physical characteristics of effluent stream both before and after treatment by an air cleaning device including emission rates, volume, temperature and concentration of air contaminants.
3. Size, type and performance characteristics of air cleaning devices.
4. Location and elevation of the emissions point and other factors relating to dispersion and diffusion of the contaminants and the relation of the emissions to nearby structures and window openings and other information necessary to appraise the possible effects of the effluent.
5. The location of planned sampling points and the tests to be made of the completed installation by the owner to ascertain compliance.
6. The typical operating schedule.
7. A schedule for construction.

8. Any plans, specifications and related information which are in final form at the time of submission of notice of intent.

The Executive Secretary may require submission of any other information determined to be necessary to evaluate the proposed construction-modification.

II.B. REVIEW AND APPROVAL

Upon receipt of all information necessary to conduct the plan review, emission data from the proposed source will be calculated and diffusion modeling conducted to predict the effect of the emission from the proposed source on the air quality in the area of the proposed source.

Based on the information obtained through the review process, the Executive Secretary will determine whether or not the source meets applicable requirements and publish his notice of intent to approve/disapprove the construction in a newspaper of general circulation. A thirty-day public comment period and opportunity for public hearing will then be allowed and at the end of that period the final approval/disapproval order will be issued.

After construction is complete a final compliance inspection will be conducted.