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The “Rules”

**IDAPA 58 - DEPARTMENT OF
ENVIRONMENTAL QUALITY 58.01.01 –**

“Rules for the Control of Air Pollution in Idaho”

Air Quality Permitting

An air quality permit to construct (PTC) is required prior to construction or modification of buildings, structures, and installations that emit, or may emit, pollutants into the air.

Procedures and requirements for PTCs are found in Sections 201-228 of the Rules for the Control of Air Pollution in Idaho

“Air Pollution”

The presence in the outdoor atmosphere of any air pollutant or combination thereof in such quantity of such nature and duration and under such conditions as would be injurious to human health or welfare, to animal or plant life, or to property, or to interfere unreasonably with the enjoyment of life or property.

Criteria Air Pollutant

Any of the following:

PM-10;

sulfur oxides;

ozone,

nitrogen dioxide;

carbon monoxide;

lead.

Toxic Air Pollutant

An air pollutant that has been determined by the Department to be by its nature, toxic to human or animal life or vegetation and listed in Section 585 or 586

Toxic Air Pollutants

Examples include:

- benzene
- perchlorethlyene,
- methylene chloride,
- dioxin, asbestos, toluene,
- metals such as cadmium, mercury, chromium, and lead compounds.

Permit to Construct “PTC”

- Idaho's air pollution control rules require the owner or operator of any stationary source that emits or may emit air pollution to obtain a PTC from DEQ **before** beginning construction or modifying the source (unless the activity is specifically exempt from the need to obtain a permit).

“Commencement”

- **Commencement of construction or modification** "to engage in a continuous program of construction or modification, or to engage in a program of planned grading, dredging, or land filling, specifically designed for the stationary source or facility in preparation of the fabrication, erection, or installation of the building components of the stationary source or facility."

“Modeling”

- Air Modeling Air modeling is required for certain permitting actions—including PTCs—to demonstrate that all applicable ambient air quality standards will be met if the proposed construction or facility modification is completed or that an existing facility is complying with the the standards.

Tier I (Title V) Operating Permit

- A Tier I operating permit (also known as a Title V operating permit) is required by the federal Clean Air Act for major sources. **Major sources** are sources that emit, or may emit, 100 or more tons of any regulated air pollutant per year, 10 or more tons per year of any one hazardous air pollutant (HAP), or 25 or more tons per year of any combination of hazardous air pollutants.

Classification and Applicability

Determined by designed operating capacity of facility and potential to emit.

Size may invoke more stringent regulation

- NSR / PSD
- NSPS
- MACT