

PROJECT NAME: Air Emission Permits and Emissions Notice

PROJECT DESCRIPTION:

The Colorado Legislature passed Senate Bill 105, also known as the Colorado Clean Air Act, in August 1992. This law requires all owners or operators of any activity or process that can emit air pollution to report to the Colorado Air Pollution Control Division. These air pollution emissions are to be filed on an Air Pollution Emission Notice (APEN). The pollutants that must be reported are the criteria pollutants and hazardous air pollutants (HAPs). The criteria pollutants include:

- Particulate matter
- Nitrogen dioxide
- Lead
- Carbon monoxide
- Sulfur dioxide
- Volatile organic compounds

The HAPs include more than 600 listed compounds designated by the Colorado Clean Air Act. The requirements cover air pollution emissions greater than 100 pounds per year per source.

EIS evaluated sources of air emissions from manufacturing processes and combustion equipment. The company conducted an audit of MSDS data and 12-month consumption of raw materials, solvents, and paints in order to determine yearly emissions of VOCs and particulates. Permitting of the injection molding and painting processes required evaluation and preparation of APENs for injection molding presses, paint booths, solvent recovery system, drying ovens, dust collection system and parts cleaning tanks. EIS identified several other air emission processes that did not require permitting, since emissions from those sources did not meet minimum reportable amounts of emissions.