

**CITY OF ALBUQUERQUE ENVIRONMENTAL HEALTH DEPARTMENT
AIR QUALITY DIVISION
HAZARDOUS AIR POLLUTANT (HAP) POLICY
April 16,1998**

Hazardous Air Pollutants: Federal Government Environmental Protection Agency (EPA) 188 List of Hazardous Air Pollutants from Section 112(b) of the Federal Clean Air Act.

Air Quality Registration/Permit Requirements for Hazardous Air Pollutants (HAPs)

HAZARDOUS AIR POLLUTANT (HAP) (Emissions for each HAP)	REQUIREMENT
<p>Any Amount of HAP AND Highest uncontrolled lbs/hr for each HAP < ACGIH TLV at Stack*</p> <p>OR Highest uncontrolled lbs/hr for each HAP < 1/100th of ACGIH TLV at Fence line*</p>	<p>Air Quality Registration Required</p> <p>X Any Amount of HAP - Regulation 20 NMAC 11.40 - Source Registration</p> <p>X ACGIH TLV and 11100th of ACGIH TLV - Department Policy</p>
<p>Highest uncontrolled lbs/hr 3 For each HAP AND Highest uncontrolled lbs/hr 3 for each HAP < 1/100th of ACGIH TLV at Fence line*</p>	<p>Air Quality Permit Required and air quality controls will be required to reduce the ambient air quality impact to less than 1/100th of ACGIH TLV at the fence line for each hazardous air pollutant (HAP).</p> <p>X ACGIH TLV 1/100th of ACGIH TLV - Department Policy</p>
<p>Actual HAP Emissions > 10 tons per year for any individual HAP OR Actual Total > 25 tons per year HAP Emissions</p>	<p>Title V Operating Permit Required</p> <p>X Regulation 20 NMAC 11.42 - Operating Permits</p>

* The American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV) is expressed in parts per million (ppm) and the most current ACGIH TLVs' are to be used. The concentration (ppm) at the stack and the fence line is used to determine if an air quality permit is required. An analysis for each HAP is done to determine if the uncontrolled HAP emissions result in an exceedance of the ACGIH TLV at the stack. If the ACGIH TLV at the stack is NOT exceeded, then no further analysis is required. For each HAP which has uncontrolled emissions that result in an exceedance of the ACGIH TLV at the stack, an additional analysis is required. The additional analysis involves determining if the uncontrolled HAP emissions result in an exceedance of 1/100th of the ACGIH TLV at the fence line. For each HAP that has uncontrolled emissions which result in an exceedance of the ACGIH TLV at the stack and 11100th of the ACCIIH TLV at the fence line, air pollution controls will be required to reduce HAP emission so that 11100th of the ACGIH TLV at the fence line is NOT exceeded for all HAP emissions from the facility and an air quality permit is required to ensure proper operation of the control equipment. The 11100th of the ACGIH TLV analysis generally requires air dispersion modeling to be done. One source of ACGIH TLVs' is the "Rapid Guide to Hazardous Chemicals in the Workplace", 2nd Edition, Edited by Richard J. Lewis, Sr., Van Nostrand Reinhold, New York, 1990.