AK Steel pollution cuts

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June 24, 2005

AK Steel must cut particle emissions by May 2006 to meet the new federal Maximum Achievable Control Technology standard.

- U.S. EPA officials estimate that this will reduce particle pollution by 90%.
- Officials at the Hamilton County Department of Environmental Services estimate that AK Steel may be able to reduce particle pollution by up to 99% after all controls are installed and running at highest efficiency.

Achieving this involves modernization of the blast furnace casthouse and the basic oxygen furnaces:

**Blast Furnace Casthouse**

AK Steel reports that it has completed improvements to the blast furnace casthouse. The company will conduct a stack test within six months to make sure it has achieved the federal standard.

<table>
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<tr>
<th>2003 reported particle releases:</th>
<th>667,480 pounds (333.74 tons)</th>
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<tbody>
<tr>
<td>After a 90% reduction:</td>
<td>66,748 pounds (33.37 tons)</td>
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<tr>
<td>After a 99% reduction:</td>
<td>6,674 pounds (3.33 tons)</td>
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**Basic Oxygen Furnaces**
AK Steel reports that it has begun improvements to the furnaces ahead of the EPA schedule, and says they will be completed by May 2006.

2003 reported particle releases: 1,258,000 pounds (629 tons)

After a 90% reduction: 125,800 pounds (62.9 tons)

After a 99% reduction: 12,580 pounds (6.29 tons)

SOURCES: 2004 AK Steel emission fee report, consent decree, milestone progress reports, correspondence and discussions with AK Steel officials.