

Air Curtain Incinerators

Helpful Information for Owners/Operators

Air Curtain Incinerators (ACI) are a tool for the management of tree and wood debris. The Oklahoma Department of Environmental Quality (DEQ) will provide assistance to owner/operators to educate and make them aware of the requirements associated with an ACI.

Air Curtain Incinerators - What You Need To Know

- The U.S. Environmental Protection Agency requires that Owner/Operators of ACIs obtain operating permits. Operating permits are issued by DEQ's Air Quality Division.
- Material that can be burned in an ACI is limited to wood waste, clean lumber, yard waste, and a mixture of only wood waste, clean lumber, and/or yard waste.
- ACIs must be operated according to manufacturer specifications.
- An ACI is required for land clearing operations within the Oklahoma City and Tulsa Metropolitan Statistical Areas (MSAs). The Oklahoma City MSA consists of Canadian, Cleveland, Grady, Lincoln, Logan, McClain, and Oklahoma Counties. The Tulsa MSA consists of Creek, Okmulgee, Osage, Pawnee, Rogers, Tulsa, and Wagoner Counties.

Owner/Operators are required to keep records as follows:

- Initial Method 9 opacity test results conducted no later than 180 days after the ACI's initial startup (Method 9 tests can only be performed by certified individuals).
- Annual Method 9 opacity test results conducted no more than 12 calendar months following the date of the previous test.
- Monthly and 12-month rolling totals of the amount of material burned.
- Types of materials burned in the ACI.

Owner/Operators are subject to the following reporting requirements:

- Results of the initial Method 9 opacity test no later than 60 days following the initial test.
- Results of the annual Method 9 opacity test within 12 months following the previous report.
- Semi-Annual Monitoring and Deviation Report (SAR) due 30 days after each 6 month period. SARs report the results of any required monitoring. SAR forms are available for download on the DEQ website.



Reporting requirements (continued)

- Annual Certification of Compliance (ACC) due 30 days after each anniversary date of the issuance of the original operating permit. The ACC is a certification of compliance with the terms and conditions of the operating permit. ACC forms are available for download on the DEQ website.
- Annual Emission Inventory (EI): The EI reports the amount of emissions emitted from the ACI during a calendar year. EIs are due by April 1st, yearly.

How DEQ Can Help

- The Air Quality Division will provide assistance to applicants throughout the permitting process.
- AQD will provide assistance/training with record keeping and reporting.
- ECLS (Environmental Complaints & Local Services) Division will provide technical assistance regarding proper set-up and operation.

If you have any questions or need assistance regarding permitting, record keeping, reporting or operation please call AQD at (405) 702-4100.