



Enhanced Air Burner Information Request

The South Carolina Department of Environmental Services (SCDES) may grant a variance from the distance requirements contained in Air Pollution Control Regulation No. 61-62.2 when an enhanced air burner is used to burn vegetative debris from land clearing and right-of-way maintenance. When using an enhanced air burner, a contractor may, on a case-by-case basis, be allowed to burn less than 1000 feet from public roadways, residential, commercial, and industrial sites not a part of the contiguous property on which the burning is conducted. In no case shall burning of this type be approved for distances less than 500 feet from the aforementioned sites.

A written variance must be obtained prior to placing an enhanced air burner into operation. To obtain a variance you must submit a written request to install and operate the unit to the air staff [your local SCDES office](#). If a variance is granted, you must agree to meet conditions listed on the attached page.

SCDES will evaluate requests for use of an enhanced air burner based on site suitability, design of the enhanced air burner and pit, and the environmental compliance history of the requester. Along with the information requested below, you must submit a sketch of the property showing the proposed location of the enhanced burner and distances to the property boundaries. You must also submit information detailing the burner operational set-up and pit dimensions.

Company Name	
Company Contact Person	
Company Mailing Address	
Company Telephone #	
On-Site Supervisor's Name and one Alternate Name	
On-Site Telephone #	
Site Address including Tax Map ID Number	
Property Owner's Name	
Estimated Timeframe for Usage	
Type of Enhanced Burner(s)	
Estimated Amount of Material to be Burned	
Have you been cited for a violation of Air Pollution Regulation 61-62.2 in the last 12 months in South Carolina?	Yes _____ No _____
I have read and agree to comply with all conditions on the attached document when using the enhanced air burner at this site.	Yes _____ No _____

CONDITIONS FOR TEMPORARY USE OF AN ENHANCED AIR BURNER

1. You must obey local ordinances and regulations regarding open burning. It is your responsibility to check with local fire management personnel to determine if a burn is authorized.
2. You may not operate more than one (1) enhanced air burner within a ten (10) acre area at one time. You must have an operator familiar with the proper operation of the unit on-site at all times during operation.
3. When material is being burned, the enhanced burner must not produce smoke emissions exceeding twenty (20) percent opacity.
4. You can not operate the enhanced air burner at the same site for longer than ninety (90) days in a year. If you intend to operate an enhanced air burner at the same site for a period longer than ninety (90) days in a year you must make application to SCDES for a Part 70 Air Quality Permit.
5. You must construct the pit so that it allows for the proper operation of the specific enhanced air burner being used. You must not overload the pit. The material in the pit should not be piled so that it protrudes above the rim of the pit.
6. You may place material in the burn pit only between the hours of 9:00 a.m. and 3:00 p.m. The fan may be operated beyond these hours. Any deviation from these hours of operation must first be approved in writing by the air staff in your local SCDES office.
7. You may not use an enhanced air burner whose air ducts or manifolds have been altered from its original design by bends, dents, or holes, or if for some other reason(s) it does not create an even and non-turbulent flow of air across the top of the pit. No burning shall take place if the burner air supply is not operating properly and as designed.
8. You must exercise good operational practices to operate the enhanced air burner in such a manner as to minimize air, land and water pollution, and to prevent safety/health hazards and nuisances.
9. You must limit the type of material being burned to land clearing waste (consisting only of untreated natural wood debris) and non-treated or unfinished wood waste. You must not burn tires or other rubber products, plastics, heavy oils or asphaltic-based or impregnated materials.
10. You must minimize the amount of dirt/soil on or in the material being burned.
11. Winds during the burn must be away from areas where the ambient air may be significantly impacted by smoke or ash from the burning if the area contains a public roadway or a residential, commercial, or industrial site.
12. You must ensure that the location of the enhanced air burner is at least 500 feet from public roadways and all residential, commercial, and industrial sites not a part of the contiguous property on which the burning is conducted.
13. You must have prior written approval from the air staff in your local SCDES office before re-locating the enhanced burner either within the approved burn site or to a different burn site.
14. You agree that if at any time SCDES becomes aware of any problems or valid complaints associated with this activity or if you fail to adhere to all of the conditions listed above, this variance may be rescinded, and further burning at the site must cease except as allowed by Regulation 61-62.2 or as required by local ordinances and regulations, whichever is more stringent.