

Asheville-Buncombe Air Quality Agency Facility Inspection Report

Facility inspection Information					
Facility Name:	Anders-Rice Funeral Home				
Date of Inspection:	August 31, 2023	Last Inspected:	July 7, 2021		
Mailing Address:	1428 Patton Ave. Asheville, NC 28806	Physical Location:	1428 Patton Ave. Asheville, NC 28806		
Contact Name:	Adam Roper		Phone Number:	(828)-252-5521	
Permit #:	11-864-15	Issued:	September 8, 2015	Expires:	September 30, 2023
Inspector(s):	Alexander (Alex) Latta				
Results:	Appears in compliance		Inspection Time:	0945 hours	

Introduction

On the above date, a comprehensive inspection was conducted at Anders-Rice Funeral Home. The purpose of this inspection was to determine compliance under the Asheville-Buncombe Air Quality Agency Air Quality Code (AB Air Quality Code). Anders-Rice Funeral Home, otherwise known as the facility, specializes in funeral and cremation services. Operation of this facility is granted under permit number 11-864-15 which was issued on September 8, 2015 and expires on September 30, 2023. The inspection was conducted by Alex Latta with assistance from Mike Matthews of the Asheville-Buncombe Air Quality Agency. The facility was represented by Adam Roper. The following is a summary of the inspection results:

Safety Equipment / Special Instructions

Hearing protection is recommended while touring the crematory.

Permitted Equipment

- ES-1: One (1) 2 MMBtu/hour natural gas and liquefied-petroleum gas fired crematory incinerator

ES-1 was observed in operation during the inspection. During the initial viewing of the incinerator, the unit was in the process of warming up, called the soak cycle. The primary burner was operating at around 911°F while the secondary burner was operating at around 1580°F with temperatures rising throughout the inspection. The average temperature for the primary burner was around 1250°F - 1500°F while the average temperature for the afterburner was around 1550°F - 1650°F.

Permit Conditions:

The following permit conditions were reviewed during this inspection:

- A.1 – The facility is required to operate according to AB Air Quality Code including but not limited to the following specified conditions and any other applicable Local, State, and Federal regulations.
- A.2 – The facility is required to operate the processes and equipment consistent with the application they submitted for the permit.
- A.3 – The facility is required to submit an application for any changes or alterations to processes and equipment to AB Air Quality Agency. Failure to do so could result in enforcement action.
- A.4 – This condition requires the permittee to notify the Agency in the event of a name or ownership change.
- A.5 – This condition requires the facility to obtain a new air permit prior to installing and operating sources of air emissions at a site or location not specified in the permit (relocation).
- A.6 – This permit does not absolve the facility of any liabilities related to any civil/criminal penalties for violations of AB Air Quality Code prior to permit issuance. The facility shall be subject to enforcement action if the terms of the permit are violated.
- A.7 – This condition requires that the permittee maintain and operate the facility at all times so that the overall reduction in air pollutants, in accordance with applicable standards, is achieved. The facility has developed a maintenance schedule for equipment and is maintaining records of all maintenance. Additionally, the facility is maintaining an inventory of spare parts for equipment. The facility has established standard operating procedures for equipment and is training equipment operators on the procedures.
- A.8 – This condition requires that the facility notify the Agency in the event of a malfunction. The facility has not experienced any malfunctions during the reporting period.

- A.9 – This condition lists the Agency address that the facility is required to submit any required reports, data, notifications, and requests for renewal.
- A.10 – The facility shall allow authorized Local, State, and Federal representatives on-site for inspection upon presentation of credentials.
- A.11 – This condition requires that the facility pay their annual permit fee on a timely basis. The facility is up-to-date on fee payments. The facility last submitted their fee payment on October 5, 2022.
- A.12 – The facility is required to submit a permit renewal request no later than ninety (90) days prior to permit expiration. The facility's request was received by the Agency on June 20, 2023.
- A.13 – This permit may be suspended or revoked by the AB Air Quality Agency Board under certain conditions.
- A.14 – This condition requires the facility retain a copy of the permit on the premises. The facility had a copy of their current operating permit on-site.
- B.1 – The previous issue of this permit shall become void with the issuance of this current version.
- B.2 – This condition states the facility shall be operated to prevent odorous emissions from being emitted beyond the boundary of the facility. The facility was not producing any odorous emissions during the inspection.
- B.3 – This condition states that visible emissions shall not be more than 20% opacity. The facility did not exhibit an opacity during the inspection. Only heat waves were observed during the inspection.
- B.4 – This condition states that sulfur dioxide emissions from ES-1 shall not exceed 2.3 pounds per million Btu input, which equates to 3.45 pounds per hour. Actual emission from ES-1 for Sulfur dioxide are 0.03 pounds per hour and do not exceed the established limit in this condition.

- B.5 – This condition establishes the facility’s particulate matter emission limit from ES-1 at 0.30 pounds per hour. Per emissions calculations, particulate matter emissions from ES-1 are 0.03 pounds per hour and do not exceed the established limit in this condition.
- B.6 – This condition states that the facility has triggered an air toxics review and is limited to 1490 cremations per year in order to comply with the requirements of AB Air Quality Code 17.0700. The facility has conducted 116 cremations for 2022. For 2023, the facility has conducted around 65 cremations including the cremation occurring during the inspection.
- B.7 – This permit condition states that the facility is required to maintain a continuous temperature monitoring and recording device for the primary and secondary chambers. The facility is maintaining continuous temperature monitoring for both the primary and secondary burners in the incinerator.
- B.8 – This permit condition states that the facility is required to maintain the records from condition B.7 for a period of at least two (2) years. The facility is retaining temperature charts on site for a period of at least two (2) years from the date of the inspection and were available for review. It should be noted that due to the limited number of cremations conducted, the facility uses temperature charts for multiple cases over multiple days but each cremation is marked with a date and start time.
- B.9 – This condition requires the facility to submit annual reports by February 15th each year. The facility is submitting annual reports as required. The most recent annual report was received on February 14, 2023 and contained all the required information. For 2022, the facility has conducted 116 cremations with an average time of 3 hrs. The total hours of operation for 2022 are 348 hours. For 2023, the facility has conducted around 65 cremations including the cremation occurring during the inspection.

Compliance History:

The facility does not have any history of recorded violations in the last ten (10) years.

Conclusion:

Based on the above information, Anders-Rice Funeral Home appears to be in compliance with all applicable regulations of the AB Air Quality Code. It is recommended that this permit be renewed.

Signature: Alexander Latta Date: 9/6/2023
Reviewer Signature: JCR Date: 9/15/2023
Director Signature: [Signature] Date: 9/18/2023

