



Air Quality Permit Application Form - Crematories/Incinerators

Lincoln-Lancaster County Health Department

Environmental Public Health Division - Air Quality Program

Lincoln, NE 68510

ph: (402) 441-8040

fax: (402) 441-3890

<http://www.lincoln.ne.gov/city/health/environ/air.htm>

Purpose of Application: ☐ Initial Operating Permit ☐ Operating Permit Renewal / Modification
☒ Initial Construction Permit ☐ Modify Existing Construction Permit

SECTION 1: ADMINISTRATIVE INFORMATION AND RESPONSIBLE OFFICIAL CERTIFICATION

Part A: Company Information

Company Name:	Roper & Sons, Inc		
Company Address:	4300 O Street		
Company City:	Lincoln	Company State:	Nebraska
Company ZIP:	68510		
Is the business incorporated?	☒ Yes ☐ No	If so, name the state where incorporated:	Nebraska

Part B: General Facility Information

Facility Name:	Lincoln Cremation Service		
LLCHD Facility ID #:	00210		
Facility Physical Address:	4300 O Street		
Facility City:	Lincoln	Facility State:	Nebraska
Facility ZIP:	68510		
Facility NAICS Code(s):	562213	Solid Waste Combustors and Incinerators	
	812220	Cemeteries and Crematories	
	812210	Funeral Homes and Funeral Services	
Is the facility located within 50 miles of another state?	☐ Yes ☒ No	☐	☐
Is the facility located on leased property?	☐ Yes ☒ No	☐	☐

Part C: Contact Information

Facility Contact Person:	Tom Roper		
Facility Contact Person Title or Responsibility:	Funeral Director/Owner		
Phone Number:	402-476-1225	E-Mail:	tom@roperandsons.com
Alternate Phone Number: (optional)		Fax Number: (optional)	402-476-7839
Who is the primary contact for questions regarding this application?	☒ Facility Contact Person ☐ Other	☐	☐

SECTION 1: ADMINISTRATIVE INFORMATION AND RESPONSIBLE OFFICIAL CERTIFICATION

Part D: Permit Information	
Does this facility currently hold an operating permit issued by the LLCHD?	☒ Yes ☐ No
If so, what type of operating permit does the facility hold?	☐ Class I (Title V) - Major Source ☒ Class II - Minor Source ☐ Class II - Synthetic Minor Source
What is the expiration date of the operating permit you currently hold?	8/10/2027
Does this facility currently hold one or more construction permits issued by the LLCHD?	☐ Yes ☒ No
If you know what type of permit you are applying for, check the appropriate box:	☐ Class II Operating Permit ☐ Class I Operating Permit ☒ Minor Source Construction Permit (most common const. permit) ☐ PSD Construction Permit ☐ I do not know the permit type.
Part E: Responsible Official Certification	
Compliance Certification ☒ Agree ☐ Disagree	I hereby certify that, based on information and belief formed after reasonable inquiry, the facility that emits air pollutants, which is identified in this application and that is subject to the applicable requirements identified in Section 9: 1. Is in compliance with all applicable requirements, except as described in Section 9; 2. Will continue to comply with all applicable requirements for which compliance has been achieved; and, 3. Will comply with all applicable requirements for which compliance is not currently achieved
Truth and Accuracy Certification ☒ Agree ☐ Disagree	I certify under penalty of law that, based on information and belief formed after reasonable inquiry, the statements and information contained in this Air Quality Construction Permit application are true, complete, and accurate. I certify that all hard copies of this application are identical in content.
Electronic Copy Certification ☒ Agree ☐ Disagree ☐ Not Applicable	I certify under penalty of law that, based on information and belief formed after reasonable inquiry, the statements and information contained in the electronic copy of the Air Quality Construction Permit application are identical in content to the hard copy submittal.
Citizenship Attestation ☒ Agree ☐ Disagree	For the purpose of complying with Neb. Rev. Stat. §§4-108 through 4-114, I attest as follows (<u>check one</u>): ☒ I am a citizen of the United States. OR ☐ I am a qualified alien under the federal Immigration and Nationality Act, and will provide my immigration status, alien number, and USCIS documentation upon request. I hereby attest that my responses and the information provided on this form and any related application for public benefits are true, complete, and accurate, and I understand that this information may be used to verify my lawful presence in the United States.
Responsible Official Name: (printed or typed)	Tom Roper
Responsible Official Title:	Funeral Director
Responsible Official Signature:	
Date:	8/5/2026



SECTION 2: DETAILED SOURCE INFORMATION

Part A: Operating Schedule

Is this source operated seasonally, or year-round?	☐ Seasonal	☒ Year-Round	
	☐	☐	☐
	☐	☐	☐
Provide the normal operating schedule:	Hours per Day:		8
	Days per Week:		6
	Weeks per Year:		52
Does the source operate under an alternative schedule on a regular basis?	☐ Yes ☒ No		

Part B: New Process Description

On separate sheet(s) of paper, provide a detailed narrative description of the process or equipment you are planning to construct/reconstruct/modify. Explain the stages in each process that may result in the discharge of an air pollutant. Include all emission points, emission units, pollution control equipment, and identification numbers. The narrative should complement the facility layout and process flow diagrams.

Is a New Process Description attached to your application?	☐ Yes ☒ No	If no, explain why on a separate sheet of paper.
--	--	---

Part C: Process Layout Diagram

On a separate sheet(s) of paper, provide a detailed diagram or drawing that includes all processes and/or equipment identified in this application. Make sure all elements in the drawing are properly identified, drawn to scale, and consistent with other sections of this application. The diagram should show the location of all new/modified buildings, structures, stacks, and property boundaries. Fences or other public access restrictions should be shown or identified and described. Be sure to identify adjacent roads and include a north arrow. Include an effective date for the diagram.

Is a Process Layout Diagram included with your application?	☐ Yes ☒ No	If no, explain why on a separate sheet of paper.
---	--	---

Part D: Facility Description

On separate sheet(s) of paper, provide a brief narrative description of the facility. Explain the stages in each process that may result in the discharge of an air pollutant. Include all emission points, emission units, pollution control equipment, and identification numbers. The narrative should complement the facility layout and process flow diagrams.

Is a Facility Description included with your application?	☐ Yes ☒ No	If no, explain why on a separate sheet of paper.
---	--	---



SECTION 2: DETAILED SOURCE INFORMATION

Part E: Emission Calculations

Indicate which method(s) will be used to calculate emissions: (check all that apply)

☒ AP-42 or WebFIRE Emission Factors

☐ Emission Factors from Stack Testing *

☐ Material Mass-Balance Calculations *

☐ Other (specify >>>>) *

☐ Other (specify >>>>) *

☐ Other (specify >>>>) *

If using emission factors or calculation methods other than those provided in AP-42 or WebFIRE, attach a copy of any alternate emission factors (including stack test results) and/or emission calculations as an attachment to this application.

Indicate how material and/or fuel use will be substantiated:

☐ Material / Fuel Supplier Record(s)

☐ Material / Fuel Use Logbook(s)

☐ Receiving / Load-Out Scale Tickets

☒ Other (specify >>>>) Estimate 175 lbs per incinerator charge

☐ Other (specify >>>>)

☐ Other (specify >>>>)

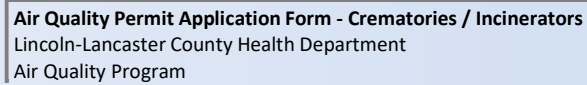
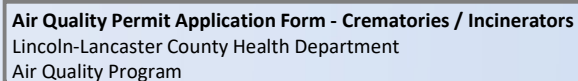


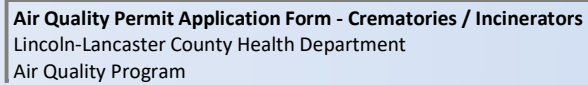
Table 3-A: New/Modified/Reconstructed Emission Unit Identification

Rev. 8/2014 Table 3-A | Emission Units Page 5

**Table 5-A: MPTE – Regulated Air Pollutant Emissions**

Please list maximum potential emissions of all pollutants for each emission unit in pounds per year.

[illegible]



For a complete list of EPA regulated Hazardous Air Pollutants, including CAS Numbers, [click here](#).

Please list the maximum throughput of all materials used that contain Hazardous Air Pollutants (HAP) and show amount of HAP emitted.

[illegible]



SECTION 5 – MAXIMUM POTENTIAL TO EMIT (MPTE)

Table 5-D: Maximum Potential to Emit and Construction Permit Thresholds

Criteria Air Pollutants	Emissions (tons per year)	Class II Operating Permit & Construction Permit Threshold (tons per year)	Meet or Exceed?	Class I Operating Permit Threshold (tons per year)	Meet or Exceed?
PM ₁₀	0.82	15.0	No	100.0	No
PM _{2.5}	0.82	10.0	No		
NOx	1.52	40.0	No	100.0	No
SOx	0.01	40.0	No	100.0	No
VOC	0.08	40.0	No	100.0	No
CO	1.27	50.0	No	100.0	No
Greenhouse Gases	1,831.19				
Lead	0.00	0.6	No	5.0	No
Hazardous Air Pollutants	Emissions (tons per year)	Const. Permit, Class II Permit, & Toxic BACT Threshold (tons per year)	Meet or Exceed?	Class I Permit & Toxic MACT Threshold (tons per year)	Meet or Exceed?
Greatest Single HAP	0.59	2.5	No	10.0	No
Total Combined HAP	1.28	10.0	No	25.0	No



SECTION 6: SOURCE CLASS & PERMIT DETERMINATION

Part A: Permitting Requirement Determination

A construction permit is required for the installation of any new incinerator unit(s), or for the modification of any incinerator(s) for which a construction permit has been previously issued by the Department. Please answer the following question(s).

Do you have any other incinerators that either do not hold a construction permit from the Department, or for which a construction permit was issued prior to January 1, 1992?

☐ Yes

☒ No

☐

☐

Because you do not have any other non-permitted incinerators, you will only be required to obtain a construction permit for your new/modified incinerator. Proceed with the remainder of this section.

Part B: Toxic 'Best Available Control Technology' (T-BACT) Determination

Not applicable.

☐

☐

Part C: Source Elected Requirements for Actual Emission Reductions

All sources that are required to hold a Construction Permit and/or an Operating Permit are required to pay an annual emission fee based on actual pollutant emissions.

You may agree to control requirements in order to reduce actual emissions of pollutants to the atmosphere, thereby reducing your source's annual emission fees. Check the following, as applicable.

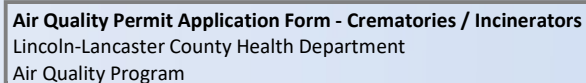
Do you agree to accept control requirements to reduce actual pollutant emissions?

☐ Yes

☒ No

If you did not accept ANY emission controls, then complete Table 6-A by indicating that no emission controls will be utilized.

If you did not agree to accept ANY throughput or emission limits in Parts B, C, and D above, complete Tables 6-A and 6-B by indicating that no throughput limits or emission limits will be accepted.



Part F: Table 6-A – Source-Elected Throughput Limits and Emission Control Requirements

[illegible]



SECTION 6 – SOURCE CLASS & PERMIT DETERMINATION

Part G: Source-Elected Facility-Wide Emission Limits

If you indicated in Parts A and/or B of Section 6 that you would like to take a facility-wide emission limit(s) as a condition of a Construction Permit to avoid being classified as either a Class I or a Class II source, then complete the following. If you do not wish to take a facility-wide emission limit(s), check "No" and proceed to Part H, below.

Do you wish to accept <u>facility-wide</u> emission limits as part of a construction permit? If "Yes", enter the limit(s) in units of pounds. For pollutants with no limit, enter zero (0).	☐ Yes	PM ₁₀	PM _{2.5}	NOx	SOx	VOC	CO	GHGs (CO ₂ e)	LEAD	Individual HAP	Total HAP
	☒ No										

Part H: Source-Elected Emission Limits For All New/Modified Equipment

If this is a Construction Permit application, and you wish accept emission limits that will apply to ALL new and/or modified equipment listed in Table 3-A (either to avoid requiring an operating permit, or to avoid applicability of 'Best Available Control Technology' (BACT) requirements, then complete the following. If you do not wish to take such limits, or if this application is for an Operating Permit, check "No" and proceed to Part I, below.

Do you wish to accept emission limits <u>that will apply to all of the emission units listed in Table 3-A</u> as part of a Construction Permit? If "Yes", enter the limit(s) in units of <u>pounds</u> . For pollutants with no limit, enter zero (0).	☐ Yes	PM ₁₀	PM _{2.5}	NOx	SOx	VOC	CO	GHGs (CO ₂ e)	LEAD	Individual HAP	Total HAP
	☒ No										

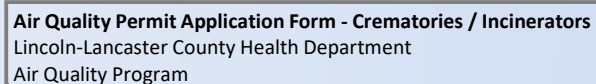


Table 7-A: Facility-Wide APTE – Regulated Air Pollutant Emissions

Shown below is your source's potential emissions after applying any operational limits or control equipment you elected in Section 6. Emissions are in units of pounds.

[illegible]

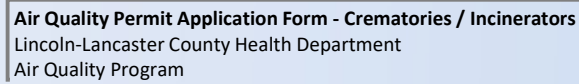


Table 7-C: Facility-Wide APTE – HAP Emissions from HAP-Containing Materials

[illegible]



SECTION 7 – ACTUAL POTENTIAL TO EMIT (APTE)

Table 7-D: Actual Potential to Emit and Construction Permit Thresholds

Criteria Air Pollutants	Emissions (tons per year)	Class II Operating Permit & Construction Permit Threshold (tons per year)	Meet or Exceed?	Class I Operating Permit Threshold (tons per year)	Meet or Exceed?
PM ₁₀	0.82	15.0	No	100.0	No
PM _{2.5}	0.82	10.0	No		
NOx	1.52	40.0	No	100.0	No
SOx	0.01	40.0	No	100.0	No
VOC	0.08	40.0	No	100.0	No
CO	1.27	50.0	No	100.0	No
Greenhouse Gases	1,831.19				
Lead	0.00	0.6	No	5.0	No
Hazardous Air Pollutants	Emissions (tons per year)	Const. Permit, Class II Permit, & Toxic BACT Threshold (tons per year)	Meet or Exceed?	Class I Permit & Toxic MACT Threshold (tons per year)	Meet or Exceed?
Greatest Single HAP	0.59	2.5	No	10.0	No
Total Combined HAP	1.28	10.0	No	25.0	No

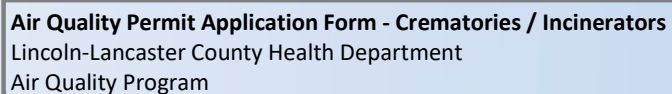


SECTION 8: APPLICABLE RULES AND REQUIREMENTS

PART A: Applicable Requirements of the LLCAPCPRS

Applicable requirements for your source may include maintaining allowable stack opacity, maintaining allowable particulate emissions for the total given heat input, adhering to fugitive dust regulations, adhering to the process weight/particulate emissions rates, adhering to all construction permit conditions, etc. In the boxes below, check all of those requirements in the LLCAPCPRS that may apply to your source, and identify the method by which you intend to demonstrate compliance with the requirement. If a requirement does not apply to your source, briefly explain the reason it does not apply.

Requirement Citation & Name	Does standard apply?	If "Yes", describe compliance method. If "No", explain reason it does not apply.
LLCAPCPRS Article 2, Section 18: New Source Performance Standards (40 CFR Part 60)	☐ Yes ☒ No	If none apply, in Part C, list any that 'appear' to apply, but do not actually apply.
LLCAPCPRS Article 2, Section 19: Prevention of Significant Deterioration (PSD) of Air Quality	☐ Yes ☒ No	Not a major source for PSD
LLCAPCPRS Article 2, Section 20, paragraph (A)(1): Particulate Emission Stds. for Incinerators & Burn-Ovens	☒ Yes ☐ No	Emission rate calculations using AP42 factors
LLCAPCPRS Article 2, Section 20, paragraph (B): Particulate Emission Stds. for Combustion Units >10,000 & <10 MMBtu	☒ Yes ☐ No	Emission rate calculations using AP42 factors
LLCAPCPRS Article 2, Section 20, paragraph (C): Particulate Emission Stds. for Combustion Units <10,000 & >10 MMBtu	☐ Yes ☒ No	No effected equipment
LLCAPCPRS Article 2, Section 20, paragraph (E): <20% Opacity of Visible Emissions	☒ Yes ☐ No	Visible emission monitoring as required by permit
LLCAPCPRS Article 2, Section 20, Table 20-1: Process Weight Rate Particulate Emission Stds.	☐ Yes ☒ No	No effected equipment
LLCAPCPRS Article 2, Section 22, paragraph (A)(14): Standards for Pathological Material Incinerators	☒ Yes ☐ No	As required by permit
LLCAPCPRS Article 2, Section 22, paragraph (C): Standards for Air Curtain Incinerators	☐ Yes ☒ No	No effected equipment
LLCAPCPRS Article 2, Section 23: Hazardous Air Pollutants - Emission Standards (40 CFR Part 61)	☐ Yes ☒ No	If none apply, in Part C, list any that 'appear' to apply, but do not actually apply.
LLCAPCPRS Article 2, Section 24: Sulfur Compound Emissions - Existing Sources - Emission Standards	☒ Yes ☐ No	Emission rate calculations
LLCAPCPRS Article 2, Section 25: Nitrogen Oxides - Emission Standards for Existing Stationary Sources	☐ Yes ☒ No	No effected equipment
LLCAPCPRS Article 2, Section 26: Acid Rain (40 CFR Parts 72 through 78)	☐ Yes ☒ No	If none apply, in Part C, list any that 'appear' to apply, but do not actually apply.
LLCAPCPRS Article 2, Section 27: Hazardous Air Pollutants - Maximum Achievable Control Technology (MACT)	☐ Yes ☒ No	If none apply, in Part C, list any that 'appear' to apply, but do not actually apply.
LLCAPCPRS Article 2, Section 28: MACT Emission Standards (40 CFR Part 63)	☐ Yes ☒ No	If none apply, in Part C, list any that 'appear' to apply, but do not actually apply.
LLCAPCPRS Article 2, Section 32: Dust - Duty to Prevent the Escape Of	☐ Yes ☒ No	Not applicable



Part A: Compliance Status for Applicable Rules and Requirements

☒ Yes

☐ No

[illegible]Rev. 8/2014



APPLICATION COMPLETENESS CHECKLIST

Does this application contain confidential information?	☐ Yes ☒ No	If "Yes" are application pages containing confidential data clearly marked?	☐ Yes ☒ No
---	--	---	--

Continue with the remainder of the checklist.

Will your source require a PSD construction permit?	☐ Yes ☒ No
---	--

Continue with the remainder of the checklist, and submit the original signed copy of the permit application when complete.

Section Number & Name	Included With Application?	If not included, provide reason.
Section 1: Administrative Information And Responsible Official Certification	☒ Yes ☐ No	
Section 2: Detailed Source Information	☒ Yes ☐ No	
Table 3-A: New/Modified/Reconstructed Emission Unit Identification	☒ Yes ☐ No	
Table 3-B: New/Modified/Reconstructed Stack / Release Point Information	☐ Yes ☒ No	Contains no information
Table 4-A: Insignificant Activities List	☐ Yes ☒ No	Contains no information
Table 4-B: Insignificant Lubricating and Heavy Oil Storage Information	☐ Yes ☒ No	Contains no information
Table 4-C: Insignificant Cooling Towers	☐ Yes ☒ No	Contains no information
Table 5-A: MPTE – Regulated Air Pollutant Emissions	☒ Yes ☐ No	
Table 5-B: New/Modified/Reconstructed Emission Units MPTE – VOC Emissions from VOC-Containing Materials	☐ Yes ☒ No	Contains no information
Table 5-C: New/Modified/Reconstructed Emission Units - HAP Emissions from HAP-Containing Materials	☒ Yes ☐ No	
Table 5-D: Maximum Potential to Emit and Construction Permit Thresholds	☒ Yes ☐ No	
Section 6: Source Class & Permit Determination	☒ Yes ☐ No	
Part F: Table 6-A – Source-Elected Throughput Limits and Emission Control Requirements	☒ Yes ☐ No	
Part I: Table 6-B – Source-Elected Unit-Specific Emission Limits	☐ Yes ☒ No	Contains no information
Table 7-A: Facility-Wide APTE – Regulated Air Pollutant Emissions	☒ Yes ☐ No	
Table 7-B: Facility-Wide APTE – VOC Emissions from VOC-Containing Materials	☐ Yes ☒ No	Contains no information
Table 7-C: Facility-Wide APTE – HAP Emissions from HAP-Containing Materials	☒ Yes ☐ No	
Table 7-D: Actual Potential to Emit and Construction Permit Thresholds	☒ Yes ☐ No	



Air Quality Permit Application Form - Crematories / Incinerators
Lincoln-Lancaster County Health Department
Air Quality Program

APPLICATION COMPLETENESS CHECKLIST

Section 8: Applicable Rules And Requirements	☒ Yes ☐ No	
Section 9: Compliance Plan	☒ Yes ☐ No	
Table 9-A: Compliance Schedule	☐ Yes ☒ No	Contains no information