Air Quality Operating Permit Application Form

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 Modification
- ☐ Operating Permit Renewal
- ☑ Revise Previously Submitted Application

SECTION 1: ADMINISTRATIVE INFORMATION AND RESPONSIBLE OFFICIAL CERTIFICATION

Part A: Company Information

Company Name:	Board of Regents of the University of Nebraska-Lincoln (East Campus)				
Company Address:	3835 Holdrege St.				
Company City:	Lincoln	**Company State:**	Nebraska	**Company ZIP:**	68583
Is the business incorporated?	☐ Yes ☑ No				

Part B: General Facility Information

Facility Name:	Board of Regents of the University of Nebraska-Lincoln (East Campus)				
LLCHD Facility ID #:	00014				
Facility Physical Address:	1901 North 37th St.				
Facility City:	Lincoln	**Facility State:**	Nebraska	**Facility ZIP:**	68583
Facility NAICS Code(s):	611310	Colleges, Universities, and Professional Schools			
Is the facility located within 50 miles of another state?	☑ Yes ☐ No	**If so, which state(s)?**	☑ Iowa ☐ Kansas ☐ Missouri		
Is the facility located on leased property?	☐ Yes ☑ No				

Part C: Contact Information

Facility Contact Person:	Brenda Osthus		
Facility Contact Person Title or Responsibility:	Director of Environmental Health & Safety		
Phone Number:	(402) 472-4927	**E-Mail:**	bosthus1@unl.edu
Alternate Phone Number: *(optional)*	(402) 472-4925	**Fax Number:** *(optional)*	(402) 472-9650
Who is the primary contact for questions regarding this application?	☐ Facility Contact Person ☑ Other	**If other, provide the following information:**	
Primary Contact Person:	Zuleika Doremus		
Primary Contact Person Company: (if different)	Environmental Health & Safety		
Phone Number:	(402) 472-9552	**E-Mail:**	zdoremus1@unl.edu
Alternate Phone Number: (optional)	(402) 472-4925	**Fax Number: (optional)**	(402) 472-9650

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?	2/25/2019		
Does this facility currently hold one or more construction permits issued by the LLCHD?	☑ **Yes**	☐ **No**	
If so, list the numbers for all currently effective construction permits. Do not include superceded permits.	057D	171H	176
If you know what type of permit you are applying for, check the appropriate box:	☑ **Class I (Title V) - Major Source**	☐ **Class II - Minor Source**	
	☐ **Class II - Synthetic Minor Source**	☐ **I do not know 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 Operating 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 Operating 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 *(check one)*: ☑ **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)	Brenda Osthus
Responsible Official Title:	Director of Environmental Health & Safety
Responsible Official Signature:	Signed by: Brenda Osthus A8D8A4D2C693440...
Date:	September 2, 2025 — **Ver. 01/2025**

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:**	**24**
	Days per Week:	**7**
	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 equipmen 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**	

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**	

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**	

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 >>>>)	Amount of waste (tpy) burned in Pathological Waste Incinerators
☐ **Other** (specify >>>>)	
☐ **Other** (specify >>>>)	

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SECTION 3 – EMISSION POINT SUMMARY

Table 3-A: Emission Unit Identification

Emission Unit #		Source Classification Code # (SCC)	Emission Point Description	Emission Segment Description
Point #	Segment #			
2	1	1-03-004-02	Boiler #4 (100 MMBtu/hr)	No. 6 Fuel Oil Combustion
2	2	1-03-006-02	Boiler #4 (100 MMBtu/hr)	Natural Gas Combustion
3	1	1-03-004-02	Boiler #5 (94 MMBtu/hr)	No. 6 Fuel Oil Combustion
3	2	1-03-005-02	Boiler #5 (94 MMBtu/hr)	No. 2 Fuel Oil Combustion
3	3	1-03-006-02	Boiler #5 (94 MMBtu/hr)	Natural Gas Combustion
5	1	1-03-005-02	Boiler #6 (37.5 MMBtu/hr)	No. 2 Fuel Oil Combustion
5	2	1-03-006-02	Boiler #6 (37.5 MMBtu/hr)	Natural Gas Combustion
6	1	1-03-005-02	Boiler #7 (37.5 MMBtu/hr)	No. 2 Fuel Oil Combustion
6	2	1-03-006-02	Boiler #7 (37.5 MMBtu/hr)	Natural Gas Combustion
4	1	3-85-001-01	6,250 gal/min Cooling Tower (CT-1 TES)	Mechanical Draft
4	2	3-85-001-01	13,000 gal/min Cooling Tower (CT-2 South)	Mechanical Draft
4	3	3-85-001-01	11,000 gal/min Cooling Tower (CT-3 North)	Mechanical Draft
7	2	2-02-001-02	EEG Unit #2 - Schmid Law Library (68 hp / 35 kW)	Diesel
7	3	2-02-001-02	EEG Unit #3 - Greenhouses (188 hp / 125 kW)	Diesel
7	4	2-02-002-53	EEG Unit #4 - College of Dentistry (176 hp / 109 kW)	Natural Gas
7	6	2-02-004-01	EEG Unit #6 - Hardin Hall (Nat. Res. Bldg) (600 hp / 896 kW)	Diesel
7	7	2-02-001-02	EEG Unit #7 - BL-3 Modular Lab (352 hp / 230 kW)	Diesel
7	9	2-02-004-01	EEG Unit #9 - Morrison Center (Virology) (1200 hp / 600 kW)	Diesel
7	10	2-02-002-53	EEG Unit #10 - Barkley Memorial Center (90 hp / 60 kW)	Natural Gas
7	11	2-02-002-53	EEG Unit #11 - Kiem Hall (225 hp / 150 kW)	Natural Gas
7	12	2-02-004-01	EEG Unit #12 - Animal Science Complex (755 hp / 500 kW)	Diesel
7	13	2-02-004-01	EEG Unit #13 - Life Sciences Annex (1194 hp / 750 kW)	Diesel
7	16	2-02-001-02	EEG Unit #16 - Plant Sciences Hall (227 hp / 166 kW)	Diesel
7	17	2-02-002-53	EEG Unit #17 - E.C. Recreation & Wellness Ctr (190 hp / 125 kW)	Natural Gas
7	18	2-02-001-02	EEG Unit #18 - Food Industry Complex (320 hp / 125 kW)	Diesel
7	19	2-02-004-01	EEG Unit #19 - Quilt Study Center (1220 hp / 760 kW)	Diesel
7	20	2-02-002-53	EEG Unit #20 - Vet Diagnostic Center (176 hp / 100 kW)	Natural Gas

SECTION 3 – EMISSION POINT SUMMARY

Table 3-A: Emission Unit Identification

Emission Unit #		Source Classification Code # (SCC)	Emission Point Description	Emission Segment Description
Point #	Segment #			
7	21	2-02-002-53	EEG Unit #21 - NE Vet Diagnostic Center (620 hp / 350 kW)	Natural Gas
7	22	2-02-004-01	EEG Unit #22 - East Campus Utility Plant (2,200 hp / 1,500 kW)	Diesel
7	23	2-02-002-53	EEG Unit #23 - Massengale Residence Hall (164 hp / 100 kW)	Natural Gas
7	24	2-02-004-01	EEG Unit #24 - Thermal Energy Storage (TES) (755 hp / 500 kW)	Diesel
7	25	2-02-002-54	EEG Unit #25 - Booster Pump Station (North Side) (240 hp / 150 kW)	Natural Gas
7	26	2-02-002-54	EEG Unit #26 - East Campus Union (East Side) (205 hp / 150 kW)	Natural Gas
7	27	2-02-002-53	EEG Unit #27 - Dinsdale Learning Commons (200 hp / 130 kW)	Natural Gas
8	1	4-04-004-03	Transportation Services GDF (10,000 gal Underground Storage Tank #4)	Fugitive VOC Loss
8	2	4-04-004-03	Transportation Services GDF (10,000 gal Underground Storage Tank #5)	Fugitive VOC Loss
10	1	3-15-021-02	Consutech C-75P Incinerator (175 lbs/hr) - NVDC	>/= 90% Pathological Waste
10	2	1-03-006-02	Consutech C-75P Incinerator (175 lbs/hr) - NVDC	Natural Gas Combustion
11	1	3-15-021-02	Consutech C-225P Incinerator (600 lbs/hr) - NVDC	>/= 90% Pathological Waste
11	2	1-03-006-02	Consutech C-225P Incinerator (600 lbs/hr) - NVDC	Natural Gas Combustion

SECTION 3 – EMISSION POINT SUMMARY

Table 3-B: Stack / Release Point Information

** Stack information not required for fugitive sources.*

Emission Unit #	Associated Emission Unit	Latitude (decimal deg.)	Longitude (decimal deg.)	Elevation (feet a.s.l.)	Stack Height (feet)	Stack Inside Diameter (feet)	Exhaust Temp. (°F)	Exhaust Exit Velocity (feet/sec)	Exhaust Flow Rate (cu. feet/sec)	Vertical, Horizontal, or Fugitive	Raincap Present?
2-1	Boiler #4 (100 MMBtu/hr)	40.832500	-96.668234	1,160.00	55.00	4.00	245.00	22.10	277.72	Vertical	No
2-2	Boiler #4 (100 MMBtu/hr)	40.832500	-96.668234	1,160.00	55.00	4.00	245.00	22.00	276.46	Vertical	No
3-1	Boiler #5 (94 MMBtu/hr)	40.832500	-96.668234	1,160.00	55.00	4.00	265.00	20.80	261.38	Vertical	No
3-2	Boiler #5 (94 MMBtu/hr)	40.832500	-96.668234	1,160.00	55.00	4.00	265.00	20.80	261.38	Vertical	No
3-3	Boiler #5 (94 MMBtu/hr)	40.832500	-96.668234	1,160.00	55.00	4.00	265.00	20.80	261.38	Vertical	No
5-1	Boiler #6 (37.5 MMBtu/hr)	40.832542	-96.668037	1,160.00	55.00	4.00	425.00	17.00	213.63	Vertical	No
5-2	Boiler #6 (37.5 MMBtu/hr)	40.832542	-96.668037	1,160.00	55.00	4.00	425.00	17.00	213.63	Vertical	No
6-1	Boiler #7 (37.5 MMBtu/hr)	40.832542	-96.668037	1,160.00	55.00	4.00	425.00	17.00	213.63	Vertical	No
6-2	Boiler #7 (37.5 MMBtu/hr)	40.832542	-96.668037	1,160.00	55.00	4.00	425.00	17.00	213.63	Vertical	No
4-1	6,250 gal/min Cooling Tow…									Fugitive	
4-2	13,000 gal/min Cooling To…									Fugitive	
4-3	11,000 gal/min Cooling To…									Fugitive	
7-2	EEG Unit #2 - Schmid Law …									Fugitive	
7-3	EEG Unit #3 - Greenhouses…									Fugitive	
7-4	EEG Unit #4 - College of …									Fugitive	
7-6	EEG Unit #6 - Hardin Hall…									Fugitive	
7-7	EEG Unit #7 - BL-3 Modula…									Fugitive	
7-9	EEG Unit #9 - Morrison Ce…									Fugitive	
7-10	EEG Unit #10 - Barkley Me…									Fugitive	
7-11	EEG Unit #11 - Kiem Hall …									Fugitive	
7-12	EEG Unit #12 - Animal Sci…									Fugitive	
7-13	EEG Unit #13 - Life Scien…									Fugitive	
7-16	EEG Unit #16 - Plant Scie…									Fugitive	
7-17	EEG Unit #17 - E.C. Recre…									Fugitive	
7-18	EEG Unit #18 - Food Indus…									Fugitive	
7-19	EEG Unit #19 - Quilt Stud…									Fugitive	

SECTION 3 – EMISSION POINT SUMMARY

Table 3-B: Stack / Release Point Information

** Stack information not required for fugitive sources.*

Emission Unit #	Associated Emission Unit	Latitude (decimal deg.)	Longitude (decimal deg.)	Elevation (feet a.s.l.)	Stack Height (feet)	Stack Inside Diameter (feet)	Exhaust Temp. (°F)	Exhaust Exit Velocity (feet/sec)	Exhaust Flow Rate (cu. feet/sec)	Vertical, Horizontal, or Fugitive	Raincap Present?
7-20	EEG Unit #20 - Vet Diagno…									Fugitive	
7-21	EEG Unit #21 - NE Vet Dia…									Fugitive	
7-22	EEG Unit #22 - East Campu…									Fugitive	
7-23	EEG Unit #23 - Massengale…									Fugitive	
7-24	EEG Unit #24 - Thermal En…									Fugitive	
7-25	EEG Unit #25 - Booster Pu…									Fugitive	
7-26	EEG Unit #26 - East Campu…									Fugitive	
7-27	EEG Unit #27 - Dinsdale L…									Fugitive	
8-1	Transportation Services G…									Fugitive	
8-2	Transportation Services G…									Fugitive	
10-1	Consutech C-75P Incinerat…									Fugitive	
10-2	Consutech C-75P Incinerat…									Fugitive	
11-1	Consutech C-225P Incinera…									Fugitive	
11-2	Consutech C-225P Incinera…									Fugitive	

SECTION 4 – INSIGNIFICANT ACTIVITIES

Table 4-A: Insignificant Activities List

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Insignificant Activity Type	Description of Insignificant Activity
Natural Gas Space Heaters	Numerous natural gas-fired space heaters, each less than 10.0 MMBtu/hr, and less than 10.0 MMBtu/hr combined

SECTION 4 – INSIGNIFICANT ACTIVITIES

Table 4-B: Insignificant Lubricating and Heavy Oil Storage Information

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Equipment ID	Installation Date	Fuel Type	Maximum Capacity (gallons) or Maximum Flow Rate (gals/min)	Vapor Pressure @ Standard Conditions (psi)
85	1/1/2001	No. 6 Fuel Oil AST (Utility Plant)	85,000	0.00
5000	1/1/2003	Diesel Fuel AST (Tractor Test)	5,000	0.50
500	1/1/2012	Diesel Fuel AST (Landscape Services)	500	0.50

SECTION 5 – MAXIMUM POTENTIAL TO EMIT (MPTE)

Table 5-A: MPTE – Regulated Air Pollutant Emissions from Physical Plants and Other Equipment

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

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Emission Unit #	SCC Code	Hourly Process Rate	Process Rate Units	Max Annual Throughput	Emission Factor Source	PM_{10}	$PM_{2.5}$	NOx	SOx	VOC	CO	GHGs (CO_2e)	LEAD	Total HAP
2-1	1-03-004-02	0.6680	Mgal	5,852	AP-42							1.5E+08		3,539
2-2	1-03-006-02	0.0976	MMcf	854.98	AP-42							1.0E+08		1,616
3-1	1-03-004-02	0.6280	Mgal	5,501	AP-42							1.4E+08		3,326
3-2	1-03-005-02	0.6787	Mgal	5,945	AP-42							1.3E+08		244.19
3-3	1-03-006-02	0.0906	MMcf	794.06	AP-42							9.5E+07		1,501
						199,980	199,980	199,980	199,980	199,980	199,980		9,980	-
5-1	1-03-005-02	0.2708	Mgal	2,372	AP-42							5.4E+07		97.43
5-2	1-03-006-02	0.0368	MMcf	322.37	AP-42							3.9E+07		609.28
														-
6-1	1-03-005-02	0.2708	Mgal	2,372	AP-42							5.4E+07		97.43
6-2	1-03-006-02	0.0368	MMcf	322.37	AP-42							3.9E+07		609.28
						The MPTE shown above for EUs 2-1 through 6-2 represents the maximum allowable annual emissions from the 'Boiler Plant' at UNL East Campus. The emission limit for these emission units is set forth in Construction Permit 26-###, and as such is a federally enforceable limit on the potential to emit.								
4-1	3-85-001-01	750.00	Mgal	6.57E+06	AP-42	547.94	547.94	-	-	-	-	-	-	-
4-2	3-85-001-01	780.00	Mgal	6.83E+06	AP-42	2,279	2,279	-	-	-	-	-	-	-
4-3	3-85-001-01	660.00	Mgal	5.78E+06	AP-42	1,929	1,929	-	-	-	-	-	-	-
7-2	2-02-001-02	0.0040	Mgal	2.00	AP-42	85.00	85.00	1,208	79.40	98.60	260.00	45,200	1.10	0.00
7-3	2-02-001-02	0.0091	Mgal	4.55	AP-42	193.38	193.38	2,748	180.64	224.32	591.50	102,830	2.50	0.00
7-4	2-02-002-53	0.0012	MMcf	0.62	AP-42	12.32	12.32	1,441	0.37	18.79	2,361	73,466	-	20.54
7-6	2-02-004-01	0.0650	Mgal	32.50	AP-42	255.13	255.13	14,235	224.25	373.75	3,770	735,402	7.80	0.01
7-7	2-02-001-02	0.0181	Mgal	9.05	AP-42	384.63	384.63	5,466	359.29	446.17	1,177	204,530	4.98	0.00
7-9	2-02-004-01	0.0418	Mgal	20.90	AP-42	164.07	164.07	9,154	144.21	240.35	2,424	472,920	5.02	0.00
7-10	2-02-002-53	0.0008	MMcf	0.39	AP-42	7.81	7.81	913.43	0.24	11.91	1,497	46,577	-	13.02
7-11	2-02-002-53	0.0017	MMcf	0.85	AP-42	16.83	16.83	1,968	0.51	25.66	3,225	100,355	-	28.06
7-12	2-02-004-01	0.0344	Mgal	17.20	AP-42	135.02	135.02	7,534	118.68	197.80	1,995	389,197	4.13	0.00
7-13	2-02-004-01	0.0580	Mgal	29.00	AP-42	227.65	227.65	12,702	200.10	333.50	3,364	656,205	6.96	0.01
7-16	2-02-001-02	0.0100	Mgal	87.60	AP-42	3,723	3,723	52,910	3,478	4,319	11,388	2.0E+06	48.18	0.05

SECTION 5 – MAXIMUM POTENTIAL TO EMIT (MPTE)

Table 5-A: MPTE – Regulated Air Pollutant Emissions from Physical Plants and Other Equipment

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

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Emission Unit #	SCC Code	Hourly Process Rate	Process Rate Units	Max Annual Throughput	Emission Factor Source	PM_{10}	$PM_{2.5}$	NOx	SOx	VOC	CO	GHGs (CO_2e)	LEAD	Total HAP
7-17	2-02-002-53	0.0016	MMcf	0.78	AP-42	15.50	15.50	1,813	0.47	23.64	2,971	92,451	-	25.85
7-18	2-02-001-02	0.0100	Mgal	5.00	AP-42	212.50	212.50	3,020	198.50	246.50	650.00	113,000	2.75	0.00
7-19	2-02-004-01	0.0510	Mgal	25.50	AP-42	200.18	200.18	11,169	175.95	293.25	2,958	577,008	6.12	0.01
7-20	2-02-002-53	0.0011	MMcf	0.55	AP-42	10.79	10.79	1,262	0.33	16.45	2,068	64,345	-	17.99
7-21	2-02-002-53	0.0043	MMcf	2.16	AP-42	42.85	42.85	5,011	1.30	65.33	8,211	255,493	-	71.43
7-22	2-02-004-01	0.1040	Mgal	52.00	AP-42	408.20	408.20	22,776	358.80	598.00	6,032	1.2E+06	12.48	0.01
7-23	2-02-002-53	0.0013	MMcf	0.66	AP-42	13.05	13.05	1,526	0.40	19.89	2,500	77,787	-	21.75
7-24	2-02-004-01	0.0344	Mgal	17.20	AP-42	135.02	135.02	7,534	118.68	197.80	1,995	389,197	4.13	0.00
7-25	2-02-002-54	0.0019	MMcf	0.95	AP-42	9.71	9.71	3,964	0.57	114.64	541.15	112,457	-	70.13
7-26	2-02-002-54	0.0017	MMcf	0.83	AP-42	8.46	8.46	3,456	0.50	99.96	471.84	98,053	-	61.15
7-27	2-02-002-53	0.0018	MMcf	0.90	AP-42	17.82	17.82	2,084	0.54	27.17	3,415	106,259	-	29.71
8-1	4-04-004-03	1.10	gal	9,636	AP-42	-	-	-	-	2,400	-	-	-	-
8-2	4-04-004-03	1.10	gal	9,636	AP-42	-	-	-	-	2,400	-	-	-	-
10-1	3-15-021-02	175.00	pounds	1.53E+06	AP-42	979.74	979.74	-	-	-	-	-	0.76	1,757
10-2	1-03-006-02	0.0015	MMcf	13.14	AP-42	99.86	99.86	1,314	7.88	72.27	1,104	1.6E+06	0.01	24.80
11-1	3-15-021-02	600.00	pounds	5.26E+06	AP-42	3,359	3,359	-	-	-	-	-	2.61	6,024
11-2	1-03-006-02	0.0054	MMcf	47.30	AP-42	359.51	359.51	4,730	28.38	260.17	3,974	5.7E+06	0.02	89.27

SECTION 5 – MAXIMUM POTENTIAL TO EMIT (MPTE)

For a complete list of EPA regulated Hazardous Air Pollutants, including CAS Numbers, click here.

Table 5-C: Facility-Wide MPTE - HAP Emissions from HAP-Containing Materials

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

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Material Name	HAP Name	HAP CAS #	Emission Unit #(s)	Material Throughput	Throughput Units	Individual HAP Content	HAP Content Units	Product Density (lbs/gallon)	Individual HAP Throughput (pounds)	Release Factor (% release)	Total HAP Emissions (pounds)
Hydrochloric Acid	Hydrochloric Acid	7647-01-0	10-1, 11-1	6,789,000	pounds	-		-	7,780.4	100.00%	7,780.4

SECTION 5 – MAXIMUM POTENTIAL TO EMIT (MPTE)

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

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Criteria Pollutant Name	Emissions (tons per year)	Class II Permitting Threshold (tons per year)	Meet or Exceed?	Class I Permitting Threshold (tons per year)	Meet or Exceed?
PM_{10}	107.91	15.0	**Yes**	100.0	**Yes**
$PM_{2.5}$	107.91				
NOx	189.96	40.0	**Yes**	100.0	**Yes**
SOx	102.83	40.0	**Yes**	100.0	**Yes**
VOC	106.55	40.0	**Yes**	100.0	**Yes**
CO	134.46	50.0	**Yes**	100.0	**Yes**
Lead	5.04	0.6	**Yes**	5.0	**Yes**
GHGs	406,788.35				

HAP Category	Emissions (tons per year)	Class II Permitting Threshold (tons per year)	Meet or Exceed?	Class I Permitting Threshold (tons per year)	Meet or Exceed?
Greatest Single HAP	3.89	2.5	**Yes**	10.0	No
Total Combined HAP	9.95	10.0	No	25.0	No

SECTION 6: DETERMINATION OF SOURCE CLASS

Part A: Operating Permit Class

The maximum potential emissions from your facility meet or exceed Class I permitting thresholds. However, the maximum potential HAP emissions from your facility are less than the HAP 'Major Source' thresholds. Proceed to answer the following questions.

Do you wish to take enforceable permit requirements to limit emissions to levels that are lower than Class I Permit thresholds?	☐ **Yes**	☑ **No**
	☐ **Yes**	☐ **No**

Your facility will be classified as a Class I (Title V) source of criteria pollutants, and as an 'Area Source' of HAP. Proceed to Part D of this section, below.

Because you are not taking Synthetic Minor limits and your facility is an 'Area Source' of HAP, Parts B and C of this section do not apply. Complete Part D of this section, below.

Part B: Source Elected Requirements for Synthetic Minor Sources

Not applicable.

Not applicable.

Not Applicable.	☐ **Yes**	☐ **No**
Not Applicable.	☐ **Yes**	☐ **No**

Part C: Source Elected Requirements for Synthetic Area Sources of HAPs

Not Applicable.

Not Applicable.

Not Applicable.	☐ **Yes**	☐ **No**
Not Applicable.	☐ **Yes**	☐ **No**

Part D: Source Elected Requirements for Actual Emission Reductions		
All sources that are required to hold 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 the annual emission fees. Check the following, as applicable.**		
Do you agree to accept control requirements to reduce actual pollutant emissions?	☐ **Yes**	☑ **No**
Sources may also agree to throughput limits in their permit to prevent the possibility of exceeding permit thresholds. Check the following, as applicable.		
Do you agree to accept throughput limits to prevent possible exceedances of permit thresholds?	☐ **Yes**	☑ **No**
If you do not wish to take limits to reduce emissions, and you did not agree to accept any limits or control requirements in Parts B or C, then skip Table 6-A and proceed to Section 7.		

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SECTION 6 – DETERMINATION OF SOURCE CLASS

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

In the table below, indicate which emission units you will either accept throughput limits on, or to which you will agree to apply control equipment.

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Emission Unit #	SCC Code	Agree to Throughput Limit?	Maximum Annual Throughput	Annual Throughput Limit	Throughput Units	Agree to Emission Controls?	Control Device ID	Control Type	If 'Other', Specify Type
2-1	1-03-004-02	No	5,852		Mgal/yr	No			
2-2	1-03-006-02	No	854.98		MMcf/yr	No			
3-1	1-03-004-02	No	5,501		Mgal/yr	No			
3-2	1-03-005-02	No	5,945		Mgal/yr	No			
3-3	1-03-006-02	No	794.06		MMcf/yr	No			
5-1	1-03-005-02	No	2,372		Mgal/yr	No			
5-2	1-03-006-02	No	322.37		MMcf/yr	No			
6-1	1-03-005-02	No	2,372		Mgal/yr	No			
6-2	1-03-006-02	No	322.37		MMcf/yr	No			
4-1	3-85-001-01	No	6.57E+06		Mgal/yr	No			
4-2	3-85-001-01	No	6.83E+06		Mgal/yr	No			
4-3	3-85-001-01	No	5.78E+06		Mgal/yr	No			
7-2	2-02-001-02	No	2.00		Mgal/yr	No			
7-3	2-02-001-02	No	4.55		Mgal/yr	No			
7-4	2-02-002-53	No	0.62		MMcf/yr	No			
7-6	2-02-004-01	No	32.50		Mgal/yr	No			
7-7	2-02-001-02	No	9.05		Mgal/yr	No			
7-9	2-02-004-01	No	20.90		Mgal/yr	No			
7-10	2-02-002-53	No	0.39		MMcf/yr	No			
7-11	2-02-002-53	No	0.85		MMcf/yr	No			
7-12	2-02-004-01	No	17.20		Mgal/yr	No			
7-13	2-02-004-01	No	29.00		Mgal/yr	No			
7-16	2-02-001-02	No	87.60		Mgal/yr	No			
7-17	2-02-002-53	No	0.78		MMcf/yr	No			
7-18	2-02-001-02	No	5.00		Mgal/yr	No			
7-19	2-02-004-01	No	25.50		Mgal/yr	No			

SECTION 6 – DETERMINATION OF SOURCE CLASS

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

In the table below, indicate which emission units you will either accept throughput limits on, or to which you will agree to apply control equipment.

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Emission Unit #	SCC Code	Agree to Throughput Limit?	Maximum Annual Throughput	Annual Throughput Limit	Throughput Units	Agree to Emission Controls?	Control Device ID	Control Type	If 'Other', Specify Type
7-20	2-02-002-53	No	0.55		MMcf/yr	No			
7-21	2-02-002-53	No	2.16		MMcf/yr	No			
7-22	2-02-004-01	No	52.00		Mgal/yr	No			
7-23	2-02-002-53	No	0.66		MMcf/yr	No			
7-24	2-02-004-01	No	17.20		Mgal/yr	No			
7-25	2-02-002-54	No	0.95		MMcf/yr	No			
7-26	2-02-002-54	No	0.83		MMcf/yr	No			
7-27	2-02-002-53	No	0.90		MMcf/yr	No			
8-1	4-04-004-03	No	9,636		gal/yr	No			
8-2	4-04-004-03	No	9,636		gal/yr	No			
10-1	3-15-021-02	No	1.53E+06		pounds/yr	No			
10-2	1-03-006-02	No	13.14		MMcf/yr	No			
11-1	3-15-021-02	No	5.26E+06		pounds/yr	No			
11-2	1-03-006-02	No	47.30		MMcf/yr	No			

SECTION 7 – ACTUAL POTENTIAL TO EMIT (APTE)

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.

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Emission Unit #	SCC Code	Annual Throughput	Throughput Units	PM_{10}	$PM_{2.5}$	NOx	SOx	VOC	CO	GHGs (CO_2e)	LEAD	Total HAP
2-1	1-03-004-02	5,852	Mgal/yr							1.45E+08		3,539
2-2	1-03-006-02	854.98	MMcf/yr							1.02E+08		1,616
3-1	1-03-004-02	5,501	Mgal/yr							1.37E+08		3,326
3-2	1-03-005-02	5,945	Mgal/yr							1.35E+08		244.19
3-3	1-03-006-02	794.06	MMcf/yr							9.48E+07		1,501
				199,980	199,980	199,980	199,980	199,980	199,980		9,980	
5-1	1-03-005-02	2,372	Mgal/yr							5.37E+07		97.43
5-2	1-03-006-02	322.37	MMcf/yr							3.85E+07		609.28
6-1	1-03-005-02	2,372	Mgal/yr							5.37E+07		97.43
6-2	1-03-006-02	322.37	MMcf/yr							3.85E+07		609.28
4-1	3-85-001-01	6.57E+06	Mgal/yr	547.94	547.94	-	-	-	-	-	-	-
4-2	3-85-001-01	6.83E+06	Mgal/yr	2,279	2,279	-	-	-	-	-	-	-
4-3	3-85-001-01	5.78E+06	Mgal/yr	1,929	1,929	-	-	-	-	-	-	-
7-2	2-02-001-02	2.00	Mgal/yr	85.00	85.00	1,208	79.40	98.60	260.00	45,200	1.10	0.00
7-3	2-02-001-02	4.55	Mgal/yr	193.38	193.38	2,748	180.64	224.32	591.50	102,830	2.50	0.00
7-4	2-02-002-53	0.62	MMcf/yr	12.32	12.32	1,441	0.37	18.79	2,361	73,466	-	20.54
7-6	2-02-004-01	32.50	Mgal/yr	255.13	255.13	14,235	224.25	373.75	3,770	735,402	7.80	0.01
7-7	2-02-001-02	9.05	Mgal/yr	384.63	384.63	5,466	359.29	446.17	1,177	204,530	4.98	0.00
7-9	2-02-004-01	20.90	Mgal/yr	164.07	164.07	9,154	144.21	240.35	2,424	472,920	5.02	0.00
7-10	2-02-002-53	0.39	MMcf/yr	7.81	7.81	913.43	0.24	11.91	1,497	46,577	-	13.02
7-11	2-02-002-53	0.85	MMcf/yr	16.83	16.83	1,968	0.51	25.66	3,225	100,355	-	28.06
7-12	2-02-004-01	17.20	Mgal/yr	135.02	135.02	7,534	118.68	197.80	1,995	389,197	4.13	0.00
7-13	2-02-004-01	29.00	Mgal/yr	227.65	227.65	12,702	200.10	333.50	3,364	656,205	6.96	0.01
7-16	2-02-001-02	87.60	Mgal/yr	3,723	3,723	52,910	3,478	4,319	11,388	1.98E+06	48.18	0.05
7-17	2-02-002-53	0.78	MMcf/yr	15.50	15.50	1,813	0.47	23.64	2,971	92,451	-	25.85
7-18	2-02-001-02	5.00	Mgal/yr	212.50	212.50	3,020	198.50	246.50	650.00	113,000	2.75	0.00
7-19	2-02-004-01	25.50	Mgal/yr	200.18	200.18	11,169	175.95	293.25	2,958	577,008	6.12	0.01

SECTION 7 – ACTUAL POTENTIAL TO EMIT (APTE)

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.

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Emission Unit #	SCC Code	Annual Throughput	Throughput Units	PM_{10}	$PM_{2.5}$	NOx	SOx	VOC	CO	GHGs (CO_2e)	LEAD	Total HAP
7-20	2-02-002-53	0.55	MMcf/yr	10.79	10.79	1,262	0.33	16.45	2,068	64,345	-	17.99
7-21	2-02-002-53	2.16	MMcf/yr	42.85	42.85	5,011	1.30	65.33	8,211	255,493	-	71.43
7-22	2-02-004-01	52.00	Mgal/yr	408.20	408.20	22,776	358.80	598.00	6,032	1.18E+06	12.48	0.01
7-23	2-02-002-53	0.66	MMcf/yr	13.05	13.05	1,526	0.40	19.89	2,500	77,787	-	21.75
7-24	2-02-004-01	17.20	Mgal/yr	135.02	135.02	7,534	118.68	197.80	1,995	389,197	4.13	0.00
7-25	2-02-002-54	0.95	MMcf/yr	9.71	9.71	3,964	0.57	114.64	541.15	112,457	-	70.13
7-26	2-02-002-54	0.83	MMcf/yr	8.46	8.46	3,456	0.50	99.96	471.84	98,053	-	61.15
7-27	2-02-002-53	0.90	MMcf/yr	17.82	17.82	2,084	0.54	27.17	3,415	106,259	-	29.71
8-1	4-04-004-03	9,636	gal/yr	-	-	-	-	2,400	-	-	-	-
8-2	4-04-004-03	9,636	gal/yr	-	-	-	-	2,400	-	-	-	-
10-1	3-15-021-02	1.53E+06	pounds/yr	979.74	979.74	-	-	-	-	-	0.76	1,757
10-2	1-03-006-02	13.14	MMcf/yr	99.86	99.86	1,314	7.88	72.27	1,104	1.59E+06	0.01	24.80
11-1	3-15-021-02	5.26E+06	pounds/yr	3,359	3,359	-	-	-	-	-	2.61	6,024
11-2	1-03-006-02	47.30	MMcf/yr	359.51	359.51	4,730	28.38	260.17	3,974	5.71E+06	0.02	89.27

SECTION 7 – ACTUAL POTENTIAL TO EMIT (APTE)

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

Please indicate whether you are accepting throughput limits or emission control requirements for HAP-containing materials. Emissions will be calculated in units of pounds. **Ver. 01/2025**

Material Name	HAP Name	CAS #	Emission Unit #(s)	Agree to Throughput Limit? (Yes or No)	Agree to Control Emissions? (Yes or No)	Maximum Annual Material Throughput	Material Throughput Units	Annual Throughput Limit	Control Device Type	Release Factor (% release)	Individual HAP Emissions (pounds)
Hydrochloric Acid	Hydrochloric Acid	7647-01-0	10-1, 11-1	No	No	6,789,000	pounds			100.00%	7,780.4

SECTION 7 – ACTUAL POTENTIAL TO EMIT (APTE)

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

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Criteria Pollutant Name	Emissions (tons per year)	Class II Permitting Threshold (tons per year)	Meet or Exceed?	Class I Permitting Threshold (tons per year)	Meet or Exceed?
PM_{10}	107.91	15.0	**Yes**	100.0	**Yes**
$PM_{2.5}$	107.91				
NOx	189.96	40.0	**Yes**	100.0	**Yes**
SOx	102.83	40.0	**Yes**	100.0	**Yes**
VOC	106.55	40.0	**Yes**	100.0	**Yes**
CO	134.46	50.0	**Yes**	100.0	**Yes**
Lead	5.04	0.6	**Yes**	5.0	**Yes**
GHGs	406,788.35				

HAP Category	Emissions (tons per year)	Class II Permitting Threshold (tons per year)	Meet or Exceed?	Class I Permitting Threshold (tons per year)	Meet or Exceed?
Greatest Single HAP	3.89	2.5	**Yes**	10.0	No
Total Combined HAP	9.95	10.0	No	25.0	No

SECTION 8: PERMIT SHIELD

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Part A: Permit Shield Applicability

Do you wish to apply for a 'permit shield' as defined in Article 2, Section 8 of the LLCAPCPRS?

☑ Yes	Yes, I wish to apply for a permit shield.
☐ No	No, I do not wish to apply for a permit shield.

In the space provided under Part B (below), include all regulations from which you would like to be shielded from applicability.

Part B: Regulations Included Under Permit Shield

Regulation Citation (e.g. 40 CFR 63 Subpart A)	Regulation Name (e.g. General Provisions)	Reason(s) why regulation does not apply.
40 CFR 60, Subpart Db	NSPS for ICI Steam Generating Units	Boilers 3, 4, & 5 are smaller than the applicability threshold of 'greater than 100 million BTU per hour'
40 CFR 60, Subpart Dc	NSPS for Small ICI Steam Generating Units	Boilers 3, 4, & 5 were installed before June 9, 1989 and have not been 'modified' or 'reconstructed'
40 CFR 98, Subpart C	Mandatory GHG Reporting	UNL East Campus does not exceed 25,000 metric ton CO2e annual threshold
40 CFR 60, Subpart Ec	NSPS for HMIWI	Incinerators burn 90% 'pathological waste' as defined in Ec 60.51c and Ce 60.32e(b) therefore are not HMIWI
40 CFR 60, Subpart Ce	NSPS for HMIWI	Incinerators burn 90% 'pathological waste' as defined in Ec 60.51c and Ce 60.32e(b) therefore are not HMIWI
40 CFR 60, Subpart E	NSPS for Incinerators	Incinerators charging rate is less than 50 ton/day applicability threshold in 60.50(a)
40 CFR 60, Subparts Cb, Ea, Eb, AAAA, and BBBB	NSPS for Municipal Waste Combustors	Incinerators do not combust municipal solid waste or municipal-type solid waste
40 CFR 60, Subparts CCCC	NSPS for CISWI	Incinerators do not combust 'solid waste' as defined in 40 CFR part 241 per CCCC 60.2010
40 CFR 60, Subparts DDDD	NSPS for CISWI	Incinerators burn 90% 'pathological waste' as defined in DDDD 60.2875 therefore are exempt per 60.2555(a)
40 CFR 60, Subparts EEEE	NSPS for OSWI	Incinerators burn 90% 'pathological waste' as defined in EEEE 60.2977 therefore are exempt per 60.2887(l)
40 CFR 60, Subparts FFFF	NSPS for OSWI	Incinerators did not commence construction on or before Dec 9, 2004 per 60.2981 therefore are exempt from FFFF
40 CFR 64	Compliance Assurance Monitoring (CAM)	Emission units equipment/controls do not meet the definition of 'control device' in CAM rule
40 CFR 60, Subparts K, Ka, and Kb	NSPS for Storage Vessels for Volatile Organic Liquids	Emission units do not store regulated liquids and/or have capacities less than regulated thresholds. Gasoline from GDF is exempt from this rule.
40 CFR 68	Chemical Accident Prevention Provisions	UNL East Campus does not exceed threshold quantities of any regulated substance
40 CFR 61, Subpart I	NESHAP for Radionuclide Emissions	UNL East Campus is subject to Nuclear Regulatory Commission as delegated to State of NE, therefore is exempt from Subpart I
40 CFR 63, Subpart Q	NESHAP for Cooling Towers	Chromium based water treatment chemicals are not used in cooling towers at UNL East Campus, therefore exempt from Subpart Q

SECTION 9: APPLICABLE RULES AND REQUIREMENTS

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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	Describe compliance with each applicable NSPS in Part B, below.
LLCAPCPRS Article 2, Section 19: Prevention of Significant Deterioration (PSD) of Air Quality	☐ Yes ☑ No	Facility is a major source for PSD purposes, but does not hold any PSD permits
LLCAPCPRS Article 2, Section 20, paragraph (A) & Table 20-2: Process Weight Rate Particulate Emission Stds.	☐ Yes ☑ No	Facility does not operate any units subject to this requirement
LLCAPCPRS Article 2, Section 20, paragraph (B) & Table 20-1: Heat Input Rate Particulate Emission Stds.	☑ Yes ☐ No	Compliance demonstrated using EPA-approved emission factors
LLCAPCPRS Article 2, Section 20, paragraph (E): <20% Opacity of Visible Emissions	☑ Yes ☐ No	Periodic visual monitoring as evaluated by Method 9 in Appendix A of 40 CFR 60
LLCAPCPRS Article 2, Section 21: Compliance Assurance Monitoring (CAM) (40 CFR Part 64)	☐ Yes ☑ No	Does not apply to Class II sources, but Class I sources must give explanation in Part C.
LLCAPCPRS Article 2, Section 22, paragraph (B): Particulate Emission Stds. for Incinerators & Burn-Ovens	☑ Yes ☐ No	Compliance demonstrated as required by applicable construction/operating permit
LLCAPCPRS Article 2, Section 22, paragraph (H): Standards for Air Curtain Incinerators	☐ Yes ☑ No	Facility does not operate any units subject to this requirement
LLCAPCPRS Article 2, Section 22, paragraph (I): Standards for Pathological Material Incinerators	☑ Yes ☐ No	Facility does not operate any units subject to this requirement
LLCAPCPRS Article 2, Section 23: Hazardous Air Pollutants - Emission Standards (40 CFR Part 61)	☑ Yes ☐ No	Describe compliance with each applicable HAP standard in Part B, below.
LLCAPCPRS Article 2, Section 24: Sulfur Compound Emissions - Existing Sources - Emission Standards	☐ Yes ☑ No	Compliance demonstrated using EPA-approved emission factors
LLCAPCPRS Article 2, Section 25: Nitrogen Oxides - Emission Standards for Existing Stationary Sources	☐ Yes ☑ No	Facility does not operate any units subject to this requirement
LLCAPCPRS Article 2, Section 26: Acid Rain (40 CFR Parts 72 through 78)	☑ Yes ☐ No	Describe compliance with each applicable Acid Rain standard in Part B, below.
LLCAPCPRS Article 2, Section 27: Hazardous Air Pollutants - Maximum Achievable Control Technology (MACT)	☑ Yes ☐ No	Describe compliance with each applicable standard in Part B, below.
LLCAPCPRS Article 2, Section 28: MACT Emission Standards (40 CFR Part 63)	☑ Yes ☐ No	Describe compliance with each applicable MACT standard in Part B, below.
LLCAPCPRS Article 2, Section 32: Dust - Duty to Prevent the Escape Of	☑ Yes ☐ No	Standard Operating Procedure & Best Management Practices

SECTION 9: APPLICABLE RULES AND REQUIREMENTS

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PART B: Applicable Federal Regulations and Additional Applicable LLCAPCPRS

If your source is subject to any federal air regulations set forth under 40 CFR Parts 60, 61, 63, 64, 68, 82, or Parts 72-78, or to additional regulations set forth in the LLCAPCPRS not included in Part A, then in the spaces provided below, list all of those regulations that apply to your source. For each regulation that applies to your source, list which emission unit(s) the rule applies to, and attach a brief explanation of how you intend to comply with the rule.

Regulation Name (e.g. NSPS for Grain Elevators)	Regulation Citation (e.g. 40 CFR 60 Subpart DD)	Emission unit(s) covered by this regulation.
NSPS for Compression Ignition Engines	40 CFR 60 Subpart IIII	Emergency generators
NSPS for Spark Ignition Engines	40 CFR 60 Subpart JJJJ	Emergency generators
NESHAP for Asbestos	40 CFR 61 Subpart M	Facility-wide Demolition and Renovation
NESHAP for RICE	40 CFR 63 Subpart ZZZZ	Emergency generators
NESHAP for Area Source Boilers	40 CFR 63 Subpart JJJJJJ	Utility Plant boilers
Protection of Stratospheric Ozone	40 CFR 82 Subpart F	Facility-wide
NEHSAP for GDF	40 CFR 63 Subpart CCCCCC	Transportation Services; Landscape Services
Test Methods (Method 9 Opacity)	40 CFR 60, Appendix A	Facility-wide
Mandatory Reporting Rule for GHGs	40 CFR 98 Subpart C	Facility-wide

SECTION 9: APPLICABLE RULES AND REQUIREMENTS

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PART C: Non-Applicable LLCAPCPRS Regulations & Non-Applicable Federal Regulations

For those regulations that would appear to apply to your source, but do not actually apply to your source, use the spaces provided below to provide the citation of the regulation, as well as the reason(s) that the regulation does not apply to your source.

Regulation Citation (e.g. 40 CFR 60 Subpart DD)	Provide the reason(s) the regulation does not apply to your source.
Article 2, Section 9 - General Operating Permits for Class I and Class II Sources	UNL East Campus is a Specific Class I Source
Article 2, Section 10 - Operating Permits for Temporary Sources	UNL East Campus is not a temporary source
Article 2, Section 19 - PSD of Air Quality	UNL East Campus has not triggered PSD thresholds
Article 2, Section 21 - Compliance Assurance Monitoring (CAM)	UNL East Campus emission units equipment/controls do not meet the definition of 'control device' in CAM rule
Article 2, Section 25 - Nitrogen Oxides, Emission Standards for Existing Stationary Sources	UNL East Campus does not produce nitric acid
Article 2, Section 26 - Acid Rain	UNL East Campus does not have an electricity generating utility plant, therefore is not subject to Acid Rain Program
Article 2, Section 27 - Hazardous Air Pollutants	This rule applies to 'major sources' of HAPS; UNL East Campus is an 'area source' of HAPS

SECTION 10: COMPLIANCE PLAN

Part A: Compliance Status for Applicable Rules and Requirements

Will your source be in compliance with all applicable rules and requirements identified in Section 9 of this application, including those that with compliance dates set to take place during the term of the permit?

☑ Yes ☐ No	**Proceed to Application Checklist.**

Part B: Applicable Rules and Requirements for Which Compliance Is Not Achieved or Will Not Be Achieved

Regulation Citation (e.g. 40 CFR 63 Subpart A)	**Regulation Name** (e.g. General Provisions)	**Reason(s) why source will not be in compliance.**

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APPLICATION COMPLETENESS CHECKLIST

Does this application contain confidential information?	☐ Yes ☑ No	**If "Yes" are application pages containing confidential data clearly marked?**	☐ Yes ☑ No or N/A
Continue with the remainder of the checklist.			
Will your source require a Class I (Title V) operating permit?			☑ Yes ☐ No
You must submit the original signed operating permit application, as well as two (2) additional signed copies of the permit application.			

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: Emission Unit Identification	☑ Yes ☐ No	
Table 3-B: Stack / Release Point Information	☑ Yes ☐ No	
Table 4-A: Insignificant Activities List	☑ Yes ☐ No	
Table 4-B: Insignificant Lubricating and Heavy Oil Storage Information	☑ Yes ☐ No	
Table 4-C: Insignificant Cooling Towers	☑ Yes ☐ No	
Table 5-A: MPTE – Regulated Air Pollutant Emissions from Physical Plants and Other Equipment	☑ Yes ☐ No	
Table 5-B: Facility-Wide MPTE – VOC Emissions from VOC-Containing Materials	☑ Yes ☐ No	
Table 5-C: Facility-Wide MPTE - HAP Emissions from HAP-Containing Materials	☑ Yes ☐ No	
Table 5-D: Maximum Potential to Emit and Operating / Construction Permit Thresholds	☑ Yes ☐ No	
Section 6: Determination Of Source Class	☑ Yes ☐ No	
Table 6-A: Source-Elected Throughput Limits and Emission Control Requirements	☑ Yes ☐ No	
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	
Table 7-C: Facility-Wide APTE – HAP Emissions from HAP-Containing Materials	☑ Yes ☐ No	
Table 7-D: Actual Potential to Emit and Operating Permit Thresholds	☑ Yes ☐ No	
Section 8: Permit Shield	☑ Yes ☐ No	

APPLICATION COMPLETENESS CHECKLIST

Section 9: Applicable Rules And Requirements	☑ **Yes** ☐ **No**	
Section 10: Compliance Plan	☑ **Yes** ☐ **No**	
Table 10-A: Compliance Schedule	☑ **Yes** ☐ **No**	

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