



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:	Smithfield Packaged Meats Corp.		
Company Address:	200 S. 2nd Street		
Company City:	Lincoln	Company State:	Nebraska
		Company ZIP:	68508
Is the business incorporated?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If so, name the state where incorporated:	Delaware

Part B: General Facility Information

Facility Name:	Smithfield Packaged Meats Corp. - Lincoln		
LLCHD Facility ID #:	00032		
Facility Physical Address:	200 S. 2nd Street		
Facility City:	Lincoln	Facility State:	Nebraska
		Facility ZIP:	68508
Facility NAICS Code(s):	311612	Meat Processed from Carcasses	
Is the facility located within 50 miles of another state?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If so, which state(s)?	<input checked="" type="checkbox"/> Iowa <input type="checkbox"/> Kansas <input type="checkbox"/> Missouri
Is the facility located on leased property?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes, provide the following information:	
Property Owner Name:	Smithfield Packaged Meats Corp		
Property Owner Address:	200 Commerce Street		
Property Owner City:	Smithfield	State:	Virginia
		ZIP:	23430

Part C: Contact Information

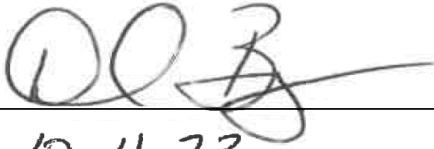
Facility Contact Person:	Jared Riley		
Facility Contact Person Title or Responsibility:	Environmental/PSM Coordinator		
Phone Number:	402-479-1314	E-Mail:	jriley@smithfield.com
Alternate Phone Number: (optional)	402-480-2667	Fax Number: (optional)	
Who is the primary contact for questions regarding this application?	<input checked="" type="checkbox"/> Facility Contact Person <input type="checkbox"/> Other		

Part D: Permit Information

SECTION 1: ADMINISTRATIVE INFORMATION AND RESPONSIBLE OFFICIAL CERTIFICATION

Does this facility currently hold an operating permit issued by the LLCHD?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
If so, what type of operating permit does the facility hold?	<input type="checkbox"/> Class I (Title V) - Major Source	<input checked="" type="checkbox"/> Class II - Minor Source
	<input type="checkbox"/> Class II - Synthetic Minor Source	
What is the expiration date of the operating permit you currently hold?	5/15/2022	
Does this facility currently hold one or more construction permits issued by the LLCHD?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
If you know what type of permit you are applying for, check the appropriate box:	<input checked="" type="checkbox"/> Class I (Title V) - Major Source	<input type="checkbox"/> Class II - Minor Source
	<input type="checkbox"/> Class II - Synthetic Minor Source	<input type="checkbox"/> I do not know permit type.

Part E: Responsible Official Certification

<p>Compliance Certification</p> <p><input checked="" type="checkbox"/> Agree</p> <p><input type="checkbox"/> Disagree</p>	<p>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:</p> <p>1. Is in compliance with all applicable requirements, except as described in Section 9;</p> <p>2. Will continue to comply with all applicable requirements for which compliance has been achieved; and,</p> <p>3. Will comply with all applicable requirements for which compliance is not currently achieved</p>
<p>Truth and Accuracy Certification</p> <p><input checked="" type="checkbox"/> Agree</p> <p><input type="checkbox"/> Disagree</p>	<p>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.</p>
<p>Electronic Copy Certification</p> <p><input type="checkbox"/> Agree</p> <p><input type="checkbox"/> Disagree</p> <p><input checked="" type="checkbox"/> Not Applicable</p>	<p>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.</p>
<p>Citizenship Attestation</p> <p><input checked="" type="checkbox"/> Agree</p> <p><input type="checkbox"/> Disagree</p>	<p>For the purpose of complying with Neb. Rev. Stat. §§4-108 through 4-114, I attest as follows (<u>check one</u>):</p> <p><input checked="" type="checkbox"/> I am a citizen of the United States.</p> <p>OR</p> <p><input type="checkbox"/> 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.</p> <p>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.</p>
<p>Responsible Official Name: (printed or typed)</p>	David Bergan
<p>Responsible Official Title:</p>	Plant Manager
<p>Responsible Official Signature:</p>	
<p>Date:</p>	10-4-23



SECTION 2: DETAILED SOURCE INFORMATION

Part A: Operating Schedule

Is this source operated seasonally, or year-round?		<input type="checkbox"/> Seasonal	<input checked="" type="checkbox"/> Year-Round	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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?		<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	

Part B: Facility Description

On separate sheet(s) of paper, provide a detailed 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 attached to your application?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
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Part C: Facility Layout Diagram

On a separate sheet(s) of paper, provide a detailed diagram or site drawing that includes all buildings, stacks, emission points and units, control equipment, tanks, etc. 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 facility diagram should show the location of all 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 Facility Layout Diagram included with your application?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
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Part D: Process Flow Diagram

On separate sheet(s) of paper, provide a detailed 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 Process Flow Diagram included with your application?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
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Part E: Emission Calculations

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

AP-42 or WebFIRE Emission Factors



SECTION 2: DETAILED SOURCE INFORMATION

<input checked="" type="checkbox"/> Emission Factors from Stack Testing *	
<input type="checkbox"/> Material Mass-Balance Calculations *	
<input type="checkbox"/> Other (specify >>>>) *	
<input type="checkbox"/> Other (specify >>>>) *	
<input type="checkbox"/> 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:

<input checked="" type="checkbox"/> Material / Fuel Supplier Record(s)	
<input checked="" type="checkbox"/> Material / Fuel Use Logbook(s)	
<input type="checkbox"/> Receiving / Load-Out Scale Tickets	
<input type="checkbox"/> Other (specify >>>>)	
<input type="checkbox"/> Other (specify >>>>)	
<input type="checkbox"/> Other (specify >>>>)	



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 #			
1	1	1-02-006-02	Boiler #4 - 25.0 MMBtu/hr	Natural Gas
2	1	1-02-006-03	Boiler #2 - 8.37 MMBtu/hr	Natural Gas
3	1	3-02-013-02	Smokehouse #1 - Batch Smoking Cycle	Wood
3	2	3-02-900-03	Smokehouse #1 - Process Heater	Natural Gas
4	1	3-02-013-02	Smokehouse #2 - Batch Smoking Cycle	Wood
4	2	3-02-900-03	Smokehouse #2 - Process Heater	Natural Gas
5	1	3-02-013-02	Smokehouse #3 - Batch Smoking Cycle	Wood
5	2	3-02-900-03	Smokehouse #3 - Process Heater	Natural Gas
6	1	3-02-013-02	Smokehouse #4 - Batch Smoking Cycle	Wood
6	2	3-02-900-03	Smokehouse #4 - Process Heater	Natural Gas
7	1	3-02-013-02	Smokehouse #5 - Batch Smoking Cycle	Wood
7	2	3-02-900-03	Smokehouse #5 - Process Heater	Natural Gas
8	1	3-02-013-02	Smokehouse #6 - Batch Smoking Cycle	Wood
8	2	3-02-900-03	Smokehouse #6 - Process Heater	Natural Gas
9	1	3-02-013-02	Smokehouse #7 - Batch Smoking Cycle	Wood
9	2	3-02-900-03	Smokehouse #7 - Process Heater	Natural Gas
10	1	3-02-013-02	Smokehouse #8 - Batch Smoking Cycle	Wood
10	2	3-02-900-03	Smokehouse #8 - Process Heater	Natural Gas
11	1	3-02-013-02	Smokehouse #9 - Batch Smoking Cycle	Wood
11	2	3-02-900-03	Smokehouse #9 - Process Heater	Natural Gas
12	1	3-02-013-02	Smokehouse #10 - Batch Smoking Cycle	Wood
12	2	3-02-900-03	Smokehouse #10 - Process Heater	Natural Gas
13	1	3-02-013-02	Smokehouse #11 - Batch Smoking Cycle	Wood
13	2	3-02-900-03	Smokehouse #11 - Process Heater	Natural Gas
14	1	3-02-013-02	Smokehouse #12 - Batch Smoking Cycle	Wood
14	2	3-02-900-03	Smokehouse #12 - Process Heater	Natural Gas
21	1	2-53-500-00	Bulk Salt Receiving (2 Brine Tanks)	Fugitive Particulate



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?
1-1	Boiler #4 - 25.0 MMBtu/hr	40.812554	-96.716850	1,150.00	35.00	2.17	373.00	21.90	80.99	Vertical	No
2-1	Boiler #2 - 8.37 MMBtu/hr	40.812587	-96.716855	1,150.00	40.50	2.26	450.00	125.99	505.41	Vertical	No
3-1	Smokehouse #1 - Batch Smo...	40.812036	-96.717002	1,150.00	27.17	1.50	95.00	54.75	96.75	Vertical	No
3-2	Smokehouse #1 - Process H...	40.812036	-96.717002	1,150.00	27.17	1.50	95.00	54.75	96.75	Vertical	No
4-1	Smokehouse #2 - Batch Smo...	40.811992	-96.717002	1,150.00	27.17	1.50	95.00	54.75	96.75	Vertical	No
4-2	Smokehouse #2 - Process H...	40.811992	-96.717002	1,150.00	27.17	1.50	95.00	54.75	96.75	Vertical	No
5-1	Smokehouse #3 - Batch Smo...	40.811962	-96.717002	1,150.00	26.75	1.50	95.00	54.75	96.75	Vertical	No
5-2	Smokehouse #3 - Process H...	40.811962	-96.717002	1,150.00	26.75	1.50	95.00	54.75	96.75	Vertical	No
6-1	Smokehouse #4 - Batch Smo...	40.811932	-96.717002	1,150.00	26.75	1.50	95.00	54.75	96.75	Vertical	No
6-2	Smokehouse #4 - Process H...	40.811932	-96.717002	1,150.00	26.75	1.50	95.00	54.75	96.75	Vertical	No
7-1	Smokehouse #5 - Batch Smo...	40.811905	-96.717002	1,150.00	26.75	1.50	95.00	54.75	96.75	Vertical	No
7-2	Smokehouse #5 - Process H...	40.811905	-96.717002	1,150.00	26.75	1.50	95.00	54.75	96.75	Vertical	No
8-1	Smokehouse #6 - Batch Smo...	40.811875	-96.717002	1,150.00	26.75	1.50	95.00	54.75	96.75	Vertical	No
8-2	Smokehouse #6 - Process H...	40.811875	-96.717002	1,150.00	26.75	1.50	95.00	54.75	96.75	Vertical	No
9-1	Smokehouse #7 - Batch Smo...	40.811817	-96.717002	1,150.00	26.75	1.50	95.00	54.75	96.75	Vertical	No
9-2	Smokehouse #7 - Process H...	40.811817	-96.717002	1,150.00	26.75	1.50	95.00	54.75	96.75	Vertical	No
10-1	Smokehouse #8 - Batch Smo...	40.811787	-96.717002	1,150.00	26.75	1.50	95.00	54.75	96.75	Vertical	No
10-2	Smokehouse #8 - Process H...	40.811787	-96.717002	1,150.00	26.75	1.50	95.00	54.75	96.75	Vertical	No
11-1	Smokehouse #9 - Batch Smo...	40.811757	-96.717002	1,150.00	26.75	1.50	95.00	54.75	96.75	Vertical	No
11-2	Smokehouse #9 - Process H...	40.811757	-96.717002	1,150.00	26.75	1.50	95.00	54.75	96.75	Vertical	No
12-1	Smokehouse #10 - Batch Sm...	40.811729	-96.717002	1,150.00	26.75	1.50	95.00	54.75	96.75	Vertical	No
12-2	Smokehouse #10 - Process ...	40.811729	-96.717002	1,150.00	26.75	1.50	95.00	54.75	96.75	Vertical	No
13-1	Smokehouse #11 - Batch Sm...	40.811594	-96.717002	1,150.00	26.75	1.50	95.00	54.75	96.75	Vertical	No
13-2	Smokehouse #11 - Process ...	40.811594	-96.717002	1,150.00	26.75	1.50	95.00	54.75	96.75	Vertical	No
14-1	Smokehouse #12 - Batch Sm...	40.811564	-96.717002	1,150.00	25.50	1.50	95.00	54.75	96.75	Vertical	No
14-2	Smokehouse #12 - Process ...	40.811564	-96.717002	1,150.00	25.50	1.50	95.00	54.75	96.75	Vertical	No
21-1	Bulk Salt Receiving (2 Br...									Fugitive	



SECTION 4 – INSIGNIFICANT ACTIVITIES

Table 4-B: Fuel Storage and Distribution Equipment Information

Equipment ID	Installation Date	Fuel Type	Maximum Capacity (gallons) <u>or</u> Maximum Flow Rate (gals/min)	Vapor Pressure @ Standard Conditions (psi)
Diesel Tank	N/A	Diesel fuel for mobile units	285	N/A



SECTION 5 – MAXIMUM POTENTIAL TO EMIT (MPTE)

Table 5-A: Facility-Wide MPTE – Regulated Air Pollutant Emissions

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

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 ₂ e)	LEAD	Total HAP
1-1	1-02-006-02	0.0245	MMcf	214.71	AP-42	111.65	92.32	21,471	128.80	1,181	18,035	2.6E+07	0.11	405.07
2-1	1-02-006-03	0.0082	MMcf	71.92	AP-42	37.38	30.91	7,188	43.13	395.36	6,038	8.6E+06	0.04	135.62
3-1	3-02-013-02	0.0048	tons-wood	41.67	AP-42	5,833	5,833	-	-	708.33	30,833	-	-	-
3-2	3-02-900-03	0.0016	MMcf	14.02	AP-42	7.37	6.09	708.53	8.50	77.94	-	1.7E+06	0.01	26.73
4-1	3-02-013-02	0.0048	tons-wood	41.67	AP-42	5,833	5,833	-	-	708.33	30,833	-	-	-
4-2	3-02-900-03	0.0016	MMcf	14.02	AP-42	7.37	6.09	708.53	8.50	77.94	-	1.7E+06	0.01	26.73
5-1	3-02-013-02	0.0048	tons-wood	41.67	AP-42	5,833	5,833	-	-	708.33	30,833	-	-	-
5-2	3-02-900-03	0.0038	MMcf	33.29	AP-42	17.20	14.20	1,653	19.84	181.86	-	3.9E+06	0.02	62.38
6-1	3-02-013-02	0.0048	tons-wood	41.67	AP-42	5,833	5,833	-	-	708.33	30,833	-	-	-
6-2	3-02-900-03	0.0038	MMcf	33.29	AP-42	17.20	14.20	1,653	19.84	181.86	-	3.9E+06	0.02	62.38
7-1	3-02-013-02	0.0048	tons-wood	41.67	AP-42	5,833	5,833	-	-	708.33	30,833	-	-	-
7-2	3-02-900-03	0.0038	MMcf	33.29	AP-42	17.20	14.20	1,653	19.84	181.86	-	3.9E+06	0.02	62.38
8-1	3-02-013-02	0.0048	tons-wood	41.67	AP-42	5,833	5,833	-	-	708.33	30,833	-	-	-
8-2	3-02-900-03	0.0038	MMcf	33.29	AP-42	17.20	14.20	1,653	19.84	181.86	-	3.9E+06	0.02	62.38
9-1	3-02-013-02	0.0048	tons-wood	41.67	AP-42	5,833	5,833	-	-	708.33	30,833	-	-	-
9-2	3-02-900-03	0.0038	MMcf	33.29	AP-42	17.20	14.20	1,653	19.84	181.86	-	3.9E+06	0.02	62.38
10-1	3-02-013-02	0.0048	tons-wood	41.67	AP-42	5,833	5,833	-	-	708.33	30,833	-	-	-
10-2	3-02-900-03	0.0038	MMcf	33.29	AP-42	17.20	14.20	1,653	19.84	181.86	-	3.9E+06	0.02	62.38
11-1	3-02-013-02	0.0048	tons-wood	41.67	AP-42	5,833	5,833	-	-	708.33	30,833	-	-	-
11-2	3-02-900-03	0.0038	MMcf	33.29	AP-42	17.20	14.20	1,653	19.84	181.86	-	3.9E+06	0.02	62.38
12-1	3-02-013-02	0.0048	tons-wood	41.67	AP-42	5,833	5,833	-	-	708.33	30,833	-	-	-
12-2	3-02-900-03	0.0038	MMcf	33.29	AP-42	17.20	14.20	1,653	19.84	181.86	-	3.9E+06	0.02	62.38
13-1	3-02-013-02	0.0048	tons-wood	41.67	AP-42	5,833	5,833	-	-	708.33	30,833	-	-	-
13-2	3-02-900-03	0.0038	MMcf	33.29	AP-42	17.20	14.20	1,653	19.84	181.86	-	3.9E+06	0.02	62.38
14-1	3-02-013-02	0.0048	tons-wood	41.67	AP-42	1,208	1,208	-	-	708.33	30,833	-	-	-
14-2	3-02-900-03	0.0038	MMcf	33.29	AP-42	17.20	14.20	1,653	19.84	181.86	-	3.9E+06	0.02	62.38
21-1	2-53-500-00	0.7525	tons-salt	6,592	Mass Balance	164.80	-	-	-	-	-	-	-	-

See note on following page.



SECTION 5 – MAXIMUM POTENTIAL TO EMIT (MPTE)

Table 5-A: Facility-Wide MPTE – Regulated Air Pollutant Emissions

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

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 ₂ e)	LEAD	Total HAP

The maximum hourly and annual process rates for the Smokehouses is based on the owner/operator's requested limit of 500 tons of wood/sawdust use per year for all smokehouses combined, which will be established as a federally-enforceable limitation on potential to emit in a construction permit prior to issuance of the Title V operating permit. The emissions from these units are calculated using those the combined 500 tons/year limitation. The individual process rates for each of the Smokehouse units listed in this table should not be construed as individual limitations on throughput or emissions for each unit.

In addition, the construction permit will also establish the use of a water scrubber to control emissions from Smokehouse #12 (EU 14-1) as a federally-enforceable requirement, further limiting PTE from that unit. The controlled PM₁₀ & PM_{2.5} emission rates have been used to calculate emissions from that unit.



SECTION 5 – MAXIMUM POTENTIAL TO EMIT (MPTE)

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

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	32.94	15.0	Yes	100.0	No
PM _{2.5}	32.83				
NOx	23.30	40.0	No	100.0	No
SOx	0.19	40.0	No	100.0	No
VOC	6.03	40.0	No	100.0	No
CO	197.04	50.0	Yes	100.0	Yes
Lead	0.00	0.6	No	5.0	No
GHGs	38,553.87				
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	0.00	2.5	No	10.0	No
Total Combined HAP	0.61	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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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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?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
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Indicate in Table 6-A what control equipment requirements you will agree to accept.



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.

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
1-1	1-02-006-02	No	214.71		MMcf/yr	No			
2-1	1-02-006-03	No	71.92		MMcf/yr	No			
3-1	3-02-013-02	No	41.67		tons-wood/yr	No			
3-2	3-02-900-03	No	14.02		MMcf/yr	No			
4-1	3-02-013-02	No	41.67		tons-wood/yr	No			
4-2	3-02-900-03	No	14.02		MMcf/yr	No			
5-1	3-02-013-02	No	41.67		tons-wood/yr	No			
5-2	3-02-900-03	No	33.29		MMcf/yr	No			
6-1	3-02-013-02	No	41.67		tons-wood/yr	No			
6-2	3-02-900-03	No	33.29		MMcf/yr	No			
7-1	3-02-013-02	No	41.67		tons-wood/yr	No			
7-2	3-02-900-03	No	33.29		MMcf/yr	No			
8-1	3-02-013-02	No	41.67		tons-wood/yr	No			
8-2	3-02-900-03	No	33.29		MMcf/yr	No			
9-1	3-02-013-02	No	41.67		tons-wood/yr	No			
9-2	3-02-900-03	No	33.29		MMcf/yr	No			
10-1	3-02-013-02	No	41.67		tons-wood/yr	No			
10-2	3-02-900-03	No	33.29		MMcf/yr	No			
11-1	3-02-013-02	No	41.67		tons-wood/yr	No			
11-2	3-02-900-03	No	33.29		MMcf/yr	No			
12-1	3-02-013-02	No	41.67		tons-wood/yr	No			
12-2	3-02-900-03	No	33.29		MMcf/yr	No			
13-1	3-02-013-02	No	41.67		tons-wood/yr	No			
13-2	3-02-900-03	No	33.29		MMcf/yr	No			
14-1	3-02-013-02	No	41.67		tons-wood/yr	No			
14-2	3-02-900-03	No	33.29		MMcf/yr	No			
21-1	2-53-500-00	No	6,592		tons-salt/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.

Emission Unit #	SCC Code	Annual Throughput	Throughput Units	PM ₁₀	PM _{2.5}	NOx	SOx	VOC	CO	GHGs (CO ₂ e)	LEAD	Total HAP
1-1	1-02-006-02	214.71	MMcf/yr	111.65	92.32	21,471	128.80	1,181	18,035	2.56E+07	0.11	405.07
2-1	1-02-006-03	71.92	MMcf/yr	37.38	30.91	7,188	43.13	395.36	6,038	8.59E+06	0.04	135.62
3-1	3-02-013-02	41.67	tons-wood/yr	5,833	5,833	-	-	708.33	30,833	-	-	-
3-2	3-02-900-03	14.02	MMcf/yr	7.37	6.09	708.53	8.50	77.94	-	1.69E+06	0.01	26.73
4-1	3-02-013-02	41.67	tons-wood/yr	5,833	5,833	-	-	708.33	30,833	-	-	-
4-2	3-02-900-03	14.02	MMcf/yr	7.37	6.09	708.53	8.50	77.94	-	1.69E+06	0.01	26.73
5-1	3-02-013-02	41.67	tons-wood/yr	5,833	5,833	-	-	708.33	30,833	-	-	-
5-2	3-02-900-03	33.29	MMcf/yr	17.20	14.20	1,653	19.84	181.86	-	3.95E+06	0.02	62.38
6-1	3-02-013-02	41.67	tons-wood/yr	5,833	5,833	-	-	708.33	30,833	-	-	-
6-2	3-02-900-03	33.29	MMcf/yr	17.20	14.20	1,653	19.84	181.86	-	3.95E+06	0.02	62.38
7-1	3-02-013-02	41.67	tons-wood/yr	5,833	5,833	-	-	708.33	30,833	-	-	-
7-2	3-02-900-03	33.29	MMcf/yr	17.20	14.20	1,653	19.84	181.86	-	3.95E+06	0.02	62.38
8-1	3-02-013-02	41.67	tons-wood/yr	5,833	5,833	-	-	708.33	30,833	-	-	-
8-2	3-02-900-03	33.29	MMcf/yr	17.20	14.20	1,653	19.84	181.86	-	3.95E+06	0.02	62.38
9-1	3-02-013-02	41.67	tons-wood/yr	5,833	5,833	-	-	708.33	30,833	-	-	-
9-2	3-02-900-03	33.29	MMcf/yr	17.20	14.20	1,653	19.84	181.86	-	3.95E+06	0.02	62.38
10-1	3-02-013-02	41.67	tons-wood/yr	5,833	5,833	-	-	708.33	30,833	-	-	-
10-2	3-02-900-03	33.29	MMcf/yr	17.20	14.20	1,653	19.84	181.86	-	3.95E+06	0.02	62.38
11-1	3-02-013-02	41.67	tons-wood/yr	5,833	5,833	-	-	708.33	30,833	-	-	-
11-2	3-02-900-03	33.29	MMcf/yr	17.20	14.20	1,653	19.84	181.86	-	3.95E+06	0.02	62.38
12-1	3-02-013-02	41.67	tons-wood/yr	5,833	5,833	-	-	708.33	30,833	-	-	-
12-2	3-02-900-03	33.29	MMcf/yr	17.20	14.20	1,653	19.84	181.86	-	3.95E+06	0.02	62.38
13-1	3-02-013-02	41.67	tons-wood/yr	5,833	5,833	-	-	708.33	30,833	-	-	-
13-2	3-02-900-03	33.29	MMcf/yr	17.20	14.20	1,653	19.84	181.86	-	3.95E+06	0.02	62.38
14-1	3-02-013-02	41.67	tons-wood/yr	1,208	1,208	-	-	708.33	30,833	-	-	-
14-2	3-02-900-03	33.29	MMcf/yr	17.20	14.20	1,653	19.84	181.86	-	3.95E+06	0.02	62.38
21-1	2-53-500-00	6,592	tons-salt/yr	164.80	-	-	-	-	-	-	-	-



SECTION 7 – ACTUAL POTENTIAL TO EMIT (APTE)

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

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	32.94	15.0	Yes	100.0	No
PM _{2.5}	32.83				
NOx	23.30	40.0	No	100.0	No
SOx	0.19	40.0	No	100.0	No
VOC	6.03	40.0	No	100.0	No
CO	197.04	50.0	Yes	100.0	Yes
Lead	0.00	0.6	No	5.0	No
GHGs	38,553.87				
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	0.00	2.5	No	10.0	No
Total Combined HAP	0.61	10.0	No	25.0	No



SECTION 8: PERMIT SHIELD

Part A: Permit Shield Applicability

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

<input checked="" type="checkbox"/> Yes	Yes, I wish to apply for a permit shield.
<input type="checkbox"/> 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 D	NSPS for Fossil-Fuel-Fired Steam Generators	The boilers at this facility are all less than 250 MMBtu/hr heat input rate applicability threshold.
40 CFR 60 Subpart Da	NSPS for Electric Utility Steam Generating Units	None of the boilers at this facility are 'electric utility' steam generating units.
40 CFR 60 Subpart Db	NSPS for Industrial-Commercial-Institutional Steam Generating Units	The boilers at this facility are all less than 100 MMBtu/hr heat input rate applicability threshold.
40 CFR 60 Subpart Dc	NSPS for Industrial-Commercial-Institutional Steam Generating Units	Regulation does not apply to the 8.37 MMBtu/hr boiler because the heat input rating is lower than the 100 MMBtu/hr heat input rate applicability threshold.
40 CFR 60 Subparts K	NSPS for Storage Vessels for Petroleum Liquids	Rule does not apply to 285-gal Diesel Storage Tank because the capacity is lower than the applicability threshold, and diesel fuel is not considered a 'petroleum liquid' in the rule's definitions.
40 CFR 60 Subparts Ka	NSPS for Storage Vessels for Petroleum Liquids	Rule does not apply to 285-gal Diesel Storage Tank because the capacity is lower than the applicability threshold, and diesel fuel is not considered a 'petroleum liquid' in the rule's definitions.
40 CFR 60 Subparts Kb	NSPS for Volatile Organic Liquid Storage Vessels	Rule does not apply to 285-gal Diesel Storage Tank because the capacity is lower than the applicability thresholds, and the maximum true vapor pressure of diesel is less than 3.5 kPa.
40 CFR 63 Subpart DDDDD	NESHAP for Industrial, Commercial, and Institutional Boilers and Process Heaters (Major Sources)	This facility is not a major source of HAP emissions.
40 CFR 63 Subpart JJJJJ	NESHAP for Industrial, Commercial, and Institutional Boilers (Area Sources)	Units burn only natural gas and are exempt pursuant to Section 63.11195(e).
40 CFR 64	Compliance Assurance Monitoring	None of the emission units at this facility are subject to pollutant-specific emission limits for which an emission control device is used to achieve compliance.



SECTION 9: 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)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Describe compliance with each applicable NSPS in Part B, below.
LLCAPCPRS Article 2, Section 19: Prevention of Significant Deterioration (PSD) of Air Quality	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Proposed wood usage limit of 500 tpy to remain below 250 tpy PSD threshold for CO.
LLCAPCPRS Article 2, Section 20, paragraph (A)(1): Particulate Emission Stds. for Incinerators & Burn-Ovens	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Smithfield Packaged Meats Corp. does not operate equipment affected by this standard.
LLCAPCPRS Article 2, Section 20, paragraph (B): Particulate Emission Stds. for Combustion Units >10,000 & <10 MMBtu	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Smithfield Packaged Meats Corp. does not operate equipment affected by this standard.
LLCAPCPRS Article 2, Section 20, paragraph (C): Particulate Emission Stds. for Combustion Units <10,000 & >10 MMBtu	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Smithfield Packaged Meats Corp. does not operate equipment affected by this standard.
LLCAPCPRS Article 2, Section 20, paragraph (E): <20% Opacity of Visible Emissions	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Individuals trained in EPA Method 9 will perform periodic observations.
LLCAPCPRS Article 2, Section 20, Table 20-1: Process Weight Rate Particulate Emission Stds.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Smithfield Packaged Meats Corp. does not operate equipment affected by this standard.
LLCAPCPRS Article 2, Section 21: Compliance Assurance Monitoring (CAM) (40 CFR Part 64)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Does not apply to Class II sources, but Class I sources must give explanation in Part C.
LLCAPCPRS Article 2, Section 22, paragraph (A)(14): Standards for Pathological Material Incinerators	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Smithfield Packaged Meats Corp. does not operate equipment affected by this standard.
LLCAPCPRS Article 2, Section 22, paragraph (C): Standards for Air Curtain Incinerators	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Smithfield Packaged Meats Corp. does not operate equipment affected by this standard.
LLCAPCPRS Article 2, Section 23: Hazardous Air Pollutants - Emission Standards (40 CFR Part 61)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Describe compliance with each applicable HAP standard in Part B, below.
LLCAPCPRS Article 2, Section 24: Sulfur Compound Emissions - Existing Sources - Emission Standards	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Mathematic demonstration using AP-42 emission factors.
LLCAPCPRS Article 2, Section 25: Nitrogen Oxides - Emission Standards for Existing Stationary Sources	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Smithfield Packaged Meats Corp. does not operate equipment affected by this standard.
LLCAPCPRS Article 2, Section 26: Acid Rain (40 CFR Parts 72 through 78)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Individuals familiar with EPA Method 22 will perform periodic observations.



SECTION 9: APPLICABLE RULES AND REQUIREMENTS

PART B: Applicable Federal Regulations and Additional Applicable LLCAPCRS

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 LLCAPCRS 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 Small I-C-I Steam Generating Units	40 CFR 60 Subpart Dc	EU 1-1 : Monthly records of fuel combusted
NESHAP for Asbestos	40 CFR 61 Subpart M	EU N/A : Follow asbestos removal requirements for amounts over thresholds
Chemical Accident Prevention Provisions	40 CFR 68	Anhydrous Ammonia refrigeration system



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 <small>(e.g. 40 CFR 63 Subpart A)</small>	Regulation Name <small>(e.g. General Provisions)</small>	Reason(s) why source will not be in compliance.



APPLICATION COMPLETENESS CHECKLIST

Does this application contain confidential information?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If "Yes" are application pages containing confidential data clearly marked?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No or N/A
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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	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Section 2: Detailed Source Information	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Table 3-A: Emission Unit Identification	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Table 3-B: Stack / Release Point Information	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Table 4-A: Insignificant Activities List	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Table 4-B: Fuel Storage and Distribution Equipment Information	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Table 4-C: Insignificant Cooling Towers	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	No affected equipment at this facility.
Table 5-A: Facility-Wide MPTE – Regulated Air Pollutant Emissions	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Table 5-B: Facility-Wide MPTE – VOC Emissions from VOC-Containing Materials	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	No VOC-containing materials to list here.
Table 5-C: Facility-Wide MPTE - HAP Emissions from HAP-Containing Materials	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	No HAP-containing materials to list here.
Table 5-D: Maximum Potential to Emit and Operating Permit Thresholds	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Section 6: Determination Of Source Class	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Table 6-A: Source-Elected Throughput Limits and Emission Control Requirements	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Table 7-A: Facility-Wide APTE – Regulated Air Pollutant Emissions	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Table 7-B: Facility-Wide APTE – VOC Emissions from VOC-Containing Materials	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	No VOC-containing materials to list here.
Table 7-C: Facility-Wide APTE – HAP Emissions from HAP-Containing Materials	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	No HAP-containing materials to list here.
Table 7-D: Actual Potential to Emit and Operating Permit Thresholds	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Section 8: Permit Shield	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	



APPLICATION COMPLETENESS CHECKLIST

Section 9: Applicable Rules And Requirements	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Section 10: Compliance Plan	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Table 10-A: Compliance Schedule	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Not applicable, source will be in compliance at time of permit issuance.