


Department of Environmental Quality Office of Environmental Services Air Permits Division P.O. Box 4313 Baton Rouge, LA 70821-4313 (225) 219-3181	<h1>LOUISIANA</h1> <h2>Application for Approval of Emissions of Air Pollutants from Part 70 Sources</h2> <h3>Paperwork Reduction Format</h3>	
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PLEASE TYPE OR PRINT

1. Facility Information [LAC 33:III.517.D.1]

Facility Name or Process Unit Name (if any)		<input type="checkbox"/> All Process Units <input type="checkbox"/> Process Unit-specific Permit
Agency Interest Number (A.I. Number)	Currently Effective Permit Number(s)	
Company - Name of Owner		
Company - Name of Operator (if different from Owner)		
Parent Company (if Company – Name of Owner given above is a division)		

Ownership:

Check the appropriate box.

- | | | |
|---|---|---|
| <input type="checkbox"/> corporation, partnership, or sole proprietorship | <input type="checkbox"/> regulated utility | <input type="checkbox"/> municipal government |
| <input type="checkbox"/> state government | <input type="checkbox"/> federal government | <input type="checkbox"/> other, specify _____ |

2. Physical Location and Process Description [LAC 33:III.517.D.18, unless otherwise stated]

What modifications/changes are proposed in this application? Add more rows as necessary.

What does this facility produce? Add more rows as necessary.

Nearest town (in the same parish as the facility):

Parish(es) where facility is located:

Distance To (mi):	_____ Texas	_____ Arkansas	_____ Mississippi	_____ Alabama
Latitude of Facility Front Gate:	_____ Deg	_____ Min	_____ Sec	_____ Hundredths
Longitude of Facility Front Gate:	_____ Deg	_____ Min	_____ Sec	_____ Hundredths
Distance from nearest Class I Area:	_____ kilometers			

Add physical address and description of location of the facility below. If the facility has no address, provide driving directions. Add more rows as necessary.

- Map attached (required per LAC 33:III.517.D.1)
- Description of processes and products attached (required per LAC 33:III.517.D.2)
- Introduction/Description of the proposed project attached (required per LAC 33:III.517.D.5)

3. Confidentiality [LAC 33.I.Chapter 5]

Are you requesting confidentiality for any information except air pollutant emission rates? Yes No

If "yes," list the sections for which confidentiality is requested below. Add rows as necessary. Confidentiality requests require a submittal that is separate from this application. Information for which confidentiality is requested should not be submitted with this application. Consult instructions.

4. Type of Application [LAC 33:III.517.D]

Complete the appropriate column (1 or 2) that corresponds to the type of permit being sought. Check all that apply within the appropriate column.

Column 1	Column 2
<input type="checkbox"/> Part 70 General	<input type="checkbox"/> Part 70 Regular
<input type="checkbox"/> Renewal	<input type="checkbox"/> Renewal
Select one, if applicable: <input type="checkbox"/> Entirely new facility <input type="checkbox"/> Modification or expansion of existing facility (may also include reconciliations) <input type="checkbox"/> Reconciliation only <input type="checkbox"/> Individual emissions unit(s) addition	Select one, if applicable: <input type="checkbox"/> Entirely new facility <input type="checkbox"/> Significant modification or expansion of existing facility (may also include reconciliations) [LAC 33:III.527] <input type="checkbox"/> Minor modification or expansion of existing facility (may also include reconciliations) [LAC 33:III.525] <input type="checkbox"/> Reconciliation only
	NSR Analysis: PSD <input type="checkbox"/> NNSR <input type="checkbox"/>

Does this submittal update or replace an application currently under review? Yes No

If yes, provide date that the prior application was submitted: _____

Select one if this application is for an existing facility that does not have an air quality permit:

- Previously Grandfathered (LAC 33:III.501.B.6)
- Previously Exempted (e.g., Small Source Exemption; Act 918)
- Previously Unpermitted

5. Fee Information [LAC 33:III.517.D.17]

Fee Parameter: If the fee code is based on an operational parameter (such as number of employees or capital cost), enter that parameter here. _____

Industrial Category: Enter the Standard Industrial Classification (SIC) Codes that apply to the facility.

Primary SICC: _____

Secondary SICC(s): _____

Project Fee Calculation: Enter fee code, permit type, production capacity/throughput, and fee amount pursuant to LAC 33:III.Chapter 2. Add rows to this table as needed. Include with the application the amount in the Grand Total blank as the permit application fee.

FEE CODE	TYPE	EXISTING CAPACITY	INCREMENTAL CAPACITY INCREASE	SURCHARGES				TOTAL AMOUNT
				MULTIPLIER	NSPS	PSD	AIR TOXICS	
					<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"/>	\$
GRAND TOTAL								\$

****Optional** Fee Explanation:** Use the space provided to give an explanation of the fee determination displayed above.

Electronic Fund Transfer (EFT): If paying the permit application fee using an Electronic Fund Transfer (EFT), please include the EFT Transaction Number, the Date that the EFT was made, and the total dollar amount submitted in the EFT. If not paying the permit application fee using EFT, leave blank.

EFT Transaction Number _____ **Date of Submittal** _____ **Total Dollar Amount**
\$ _____

6. Key Dates

Estimated date construction will commence: _____ *Estimated date operation will commence:* _____

7. Pending Permit Applications – For Process Unit-Specific Permits Only
[LAC 33:III.517.D.18]

List all other process units at this facility for which Part 70 permit applications have been submitted, but have not been acted upon by LDEQ as of the date of submittal of this application. If none, state “none” in the table. ****It is not necessary to update this table during the permit review process, unless requested by LDEQ.****

Process Unit Name	Permit Number	Date Submitted

8. LAC 33:I.1701 Requirements – Answer all below for new sources and permit renewals - Yes No

Does the company or owner have federal or state environmental permits identical to, or of a similar nature to, the permit for which you are applying in Louisiana or other states? (This requirement applies to all individuals, partnerships, corporations, or other entities who own a controlling interest of 50% or more in your company, or who participate in the environmental management of the facility for an entity applying for the permit or an ownership interest in the permit.)

Yes No

If yes, list States: _____

Do you owe any outstanding fees or final penalties to the Department? Yes No
If yes, explain below. Add rows if necessary.

Is your company a corporation or limited liability company? Yes No

If yes, attach a copy of your company’s Certificate of Registration and/or Certificate of Good Standing from the Secretary of State. The appropriate certificate(s) should be attached to the end of this application as an appendix.

9. Permit Shield Request [LAC 33:III.517.E.7] - Yes No

If yes, check the appropriate boxes to indicate the type of permit shield being sought. Include the specific regulatory citation(s) for which the shield is being requested. Give an explanation of the circumstances that will justify the permit shield request. Attach additional pages if necessary. If additional pages are used, attach them directly behind this page and enter "See Attached Pages" into the Explanation field.

Type of Permit Shield request (check all that apply):

Non-applicability determination for:	Specific Citation(s)	Explanation
<input type="checkbox"/> 40 CFR 60		
<input type="checkbox"/> 40 CFR 61		
<input type="checkbox"/> 40 CFR 63		
<input type="checkbox"/> Prevention of Significant Deterioration		
<input type="checkbox"/> Nonattainment New Source Review		

Interpretation of monitoring, recordkeeping, and/or reporting requirements, and/or means of compliance for:	Specific Citation(s)	Explanation
<input type="checkbox"/> 40 CFR 60		
<input type="checkbox"/> 40 CFR 61		
<input type="checkbox"/> 40 CFR 63		
<input type="checkbox"/> Prevention of Significant Deterioration		
<input type="checkbox"/> Nonattainment New Source Review		
<input type="checkbox"/> State Implementation Plan (SIP) Regulation(s) referenced in 40 CFR 52 Subpart T		

10. Certification of Compliance With Applicable Requirements

Statement for Applicable Requirements for Which the Company and Facility Referenced In This Application Is In Compliance

Based on information and belief, formed after reasonable inquiry, the company and facility referenced in this application is in compliance with and will continue to comply with all applicable requirements pertaining to the sources covered by the permit application, as outlined in Tables 1 and 2 in the permit application. For requirements promulgated as of the date of this certification with compliance dates effective during the permit term, I further certify that the company and facility referenced in this application will comply with such requirements on a timely basis and will continue to comply with such requirements.

For corporations only: By signing this form, I certify that, in accordance with the definition of Responsible Official found in LAC 33:III.502, (1) I am a president, secretary, treasurer, or vice-president in charge of a principal business function, or other person who performs similar policy or decision-making functions; or (2) I am a duly authorized representative of such person; am responsible for the overall operation of one or more manufacturing, production, or operating facilities addressed in this permit application; and either the facilities employ more than 250 persons or have gross annual sales or expenditures exceeding \$25 million (in second quarter 1980 dollars); or the delegation of authority has been approved by LDEQ prior to this certification.*

CERTIFICATION: I certify, under provisions in Louisiana and United States law which provide criminal penalties for false statements, that based on information and belief formed after reasonable inquiry, the statements and information contained in this Application for Approval of Emissions of Air Pollutants from Part 70 Sources, including all attachments thereto and the compliance statement above, are true, accurate, and complete.

a. Responsible Official		
Name		
Title		
Company		
Suite, mail drop, or division		
Street or P.O. Box		
City	State	Zip
Business phone		
Email Address		

Signature of responsible official (See 40 CFR 70.2):		
Date:		

*Approval of a delegation of authority can be requested by completing a Duly Authorized Representative Designation Form (Form_7218) available on LDEQ's website at <http://www.deq.louisiana.gov/portal/tabid/2758/Default.aspx>

CERTIFICATION: I certify that the engineering calculations, drawings, and design are true and accurate to the best of my knowledge.

b. Professional Engineer		
Name		
Title		
Company		
Suite, mail drop, or division		
Street or P.O. Box		
City	State	Zip
Business phone		
Email Address		

Signature of Professional Engineer:		
Date:		
Louisiana Registration No.		

11. Personnel [LAC 33:III.517.D.1]

a. Manager of Facility who is located at plant site		
Name	<input type="checkbox"/> Primary contact	
Title		
Company		
Suite, mail drop, or division		
Street or P.O. Box		
City	State	Zip
Business phone		
Email address		

b. On-site contact regarding air pollution control		
Name	<input type="checkbox"/> Primary contact	
Title		
Company		
Suite, mail drop, or division		
Street or P.O. Box		
City	State	Zip
Business phone		
Email address		

c. Person to contact with written correspondence		
Name	<input type="checkbox"/> Primary contact	
Title		
Company		
Suite, mail drop, or division		
Street or P.O. Box		
City	State	Zip
Business phone		
Email address		

d. Person who prepared this report		
Name	<input type="checkbox"/> Primary contact	
Title		
Company		
Suite, mail drop, or division		
Street or P.O. Box		
City	State	Zip
Business phone		
Email address		

e. Person to contact about Annual Maintenance Fees		<input type="checkbox"/> a <input type="checkbox"/> b <input type="checkbox"/> c <input type="checkbox"/> d <input type="checkbox"/> other (specify below)	
Name	<input type="checkbox"/> Primary contact	Suite, mail drop, or division	
Title		Street or P.O. Box	
Company	City	State	Zip
Business Phone	Email Address		

14.a. Enforcement Actions [LAC 33:III.517.D.18] - Yes No

If yes, list all federal and state air quality enforcement actions, settlement agreements, and consent decrees received for this facility and/or process unit (for process unit-specific permits) since the issuance of the currently effective Title V Operating Permit or State Operating Permit. For each action, list the type of action (or its tracking number), the regulatory authority or authorities that issued the action, and the date that the action was issued. Summarize the conditions imposed by the enforcement action, settlement agreement, and consent decree in Section 22, Table 2. It is not necessary to submit a copy of the referenced action. Add rows to table as necessary.

Type of Action or Tracking Number	Issuing Authority	Date Action Issued	Summary of Conditions Included?
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No

14.b. Schedule for Compliance [LAC 33:III.517.E.4] Yes No

If the facility or process unit for which application is being made is not in full compliance with all applicable regulations, give a description of how compliance will be achieved, including a schedule for compliance below. Add rows as necessary. See instructions.

15. Letters of Approval for Alternate Methods of Compliance - Yes No

If yes, list all correspondence with LDEQ, EPA, or other regulatory bodies that provides for or supports a request for alternate methods of compliance with any applicable regulations for this facility or process unit (for process unit-specific permits). List the date of issuance of the letter and the regulation referenced by the letter. **Attach as an appendix a copy of all documents referenced in this table.** Letters that are not included may not be incorporated into a final permit. Add rows to table as necessary.

Date Letter Issued	Issuing Authority	Referenced Regulation(s)	Copy of Letter Attached?
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No

16. Initial Notifications and Performance Tests [LAC 33:III.517.D.18] - Yes No

If yes, list any initial notifications that have been submitted or one-time performance tests that have been performed for this facility or process unit (for process unit-specific permits) since the issuance of the currently effective Title V Operating Permit or State Operating Permit in order to satisfy regulatory requirements. Any initial notification or one-time performance test requirements that have not been satisfied should be listed in Section 22, Table 2 of this application. Any notifications or performance tests that recur periodically should also be properly noted in Section 22, Table 2 of this application. Add rows to table as necessary.

Initial Notification or One-time Performance Test?	Regulatory Citation Satisfied	Applicable Source(s)	Date Completed/Approved

17. Existing Prevention of Significant Deterioration or Nonattainment New Source Review Limitations [LAC 33:III.517.D.18]

Do one or more emissions sources represented in this permit application currently operate under one or more NSR permits?

Yes No

If “yes,” summarize the limitations from such permit(s) in the following table. Add rows to table as necessary. Be sure to note any annual emissions limitations from such permit(s) in Sections 12 and 13 of this application.

Permit Number	Date Issued	Emission Point ID No.	Pollutant	BACT/LAER Limit ¹	Averaging Period	Description of Control Technology/Work Practice Standards

¹For example, lb/MM Btu, ppmvd @ 15% O₂, lb/ton, lb/hr

18. Air Quality Dispersion Modeling [LAC 33:III.517.D.15]

Was Air Quality Dispersion Modeling as required by LAC 33:III performed in support of this permit application? (Air Quality Dispersion Modeling is only required when applying for PSD permits and as requested by LDEQ.)

Yes No

Has Air Quality Dispersion Modeling completed in accordance with LAC 33:III ever been performed for this facility in support of a air permit application previously submitted for this facility or process unit (for process unit-specific permits) or as required by other regulations AND approved by LDEQ?

Yes No

If yes, enter the date the most recent Air Quality Dispersion Modeling results as required by LAC 33:III were submitted:

If the answer to either question above is “yes,” enter a summary of the most recent results in the following table. If the answer to both questions is “no,” enter “none” in the table. Add rows to table as necessary.

Pollutant	Time Period	Calculated Maximum Ground Level Concentration	Louisiana Toxic Air Pollutant Ambient Air Standard or (National Ambient Air Quality Standard {NAAQS})

19. General Condition XVII Activities- Yes No

Enter all activities that qualify as Louisiana Air Emissions Permit General Condition XVII Activities.

- Expand this table as necessary to include all such activities.
- See instructions to determine what qualifies as a General Condition XVII Activity.
- Do not include emissions from General Condition XVII Activities in the proposed emissions totals for the permit application.

Work Activity	Schedule	Emission Rates – TPY					
		PM ₁₀	SO ₂	NO _x	CO	VOC	Other

20. Insignificant Activities [LAC 33:III.501.B.5] - Yes No

Enter all activities that qualify as Insignificant Activities.

- Expand this table as necessary to include all such activities.
- For sources claimed to be insignificant based on size or emission rate (LAC 33:III.501.B.5.A), information must be supplied to verify each claim. This may include but is not limited to operating hours, volumes, and heat input ratings.
- If aggregate emissions from all similar pieces of equipment (i.e. all LAC 33:III.501.B.5.A.1 activities) claimed to be insignificant are greater than 5 tons per year for any pollutant, then the activities can not be claimed as insignificant and must be represented as permitted emission sources. Consult instructions.

Emission Point ID No.	Description	Physical/Operating Data	Citation

21. Regulatory Applicability for Commonly Applicable Regulations – Answer all below [LAC 33:III.517.D.10]

Does this facility contain asbestos or asbestos containing materials? **Yes** **No**

If “yes,” the facility or any portion thereof may be subject to 40 CFR 61, Subpart M, LAC 33:III.Chapter 27, and/or LAC 33:III.5151 and this application must address compliance as stated in Section 22 of this application

Is the facility or process unit represented in this permit subject to 40 CFR 68, or is any other process unit located at the same facility as the process unit represented in this application subject to 40 CFR 68? **Yes** **No**

If “yes,” the entire facility is subject to 40 CFR 68 and LAC 33:III.Chapter 59 and this application must address compliance as stated in Section 22 of this application.

Is the facility listed in LAC 33:III.5611

Table 5 **Yes** **No**

Table 6 **Yes** **No**

Table 7 **Yes** **No**

Does the applicant own or operate commercial refrigeration equipment normally containing more than 50 pounds of refrigerant at this facility or process unit? **Yes** **No**

If “yes,” the entire facility is subject to 40 CFR 82, Subpart F and this application must address compliance as stated in Section 22 of this application.

22. Applicable Regulations, Air Pollution Control Measures, Monitoring, and Recordkeeping

Important points for Table 1 [LAC 33:III.517.D.10]:

- List in Table 1, by Emission Point ID Number and Descriptive Name of the Equipment, state and federal pollution abatement programs and note the applicability or non-applicability of the regulations to each source.
- Adjust the headings for the columns in Table 1 as necessary to reflect all applicable regulations, in addition to any regulations that do not apply but need an applicability determination to verify this fact.
- For each piece of equipment, enter “1” for each regulation that applies. Enter “2” for each regulation that applies to this type of source, but from which this source of emissions is exempt. Enter “3” for equipment that is subject to a regulation, but does not have any applicable requirements. Also, enter “3” for each regulation that have applicable requirements that apply to the particular emission source but the regulations currently do not apply due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place.
- Leave the spaces blank when the regulations clearly would not apply under any circumstances to the source. For example, LAC 33:III.2103 – Storage of Volatile Organic Compounds would never apply to a steam generating boiler, no matter the circumstances.
- Consult instructions.

Important points for Table 2 [LAC 33:III.517.D.4; LAC 33:III.517.D.7; LAC 33:III.517.D.10]:

- For each piece of equipment listed in Table 2, include all applicable limitation, recordkeeping, reporting, monitoring, and testing requirements. Also include any one-time notification or one-time tests performance test requirements that have not been fulfilled.
- Each of these regulatory aspects (limitation, recordkeeping, reporting, etc.) should be addressed for each regulation that is applicable to each emissions source or emissions point.
- For each regulation that provides a choice regarding the method of compliance, indicate the method of compliance that will be employed. It is not sufficient to state that all compliance options will be employed, though multiple compliance options may be approved as alternative operating scenarios.
- Consult instructions.

Important points for Table 3 [LAC 33:III.517.D.16]:

- Each time a 2 or a 3 is used to describe applicability of a source in Table 1, an entry should be made in Table 3 that explains the exemption or non-applicability status of the regulation to that source.
- Fill in all requested information in the table.
- The exact regulatory citation that provides for the specific exemption or non-applicability determination should be entered into the Citation Providing for Exemption or Non-applicability column.
- Consult Instructions.

Important points for Table 4 [LAC 33:III.517.D.18]

- List any single emission source that routes its emissions to another point where these emissions are commingled with the emissions of other sources before being released to the atmosphere. Do not list any single emission source in this table that does not route its emissions in this manner.
- List any and all emission sources that are routed as described above. This includes emission sources that do not otherwise appear in this permit application.
- Consult instructions.

TABLE 1: APPLICABLE LOUISIANA AND FEDERAL AIR QUALITY REQUIREMENTS

Note: This table lists regulations that are commonly applicable to many sources, but is not intended to be an all inclusive list. Alter the headings of this table as necessary in order to address ALL potentially applicable requirements.

Source ID No.:	Descriptive Name of the Source	LAC 33:III							LAC 33:III.Chapter										
		509	2103	2104	2111	2113	2116	2123	5	9	11	13	15	22	29	51	53	56	59

KEY TO MATRIX

- 1 (Applicable) The regulations have applicable requirements that apply to this particular emissions source. This includes any monitoring, recordkeeping, or reporting requirements.
- 2 (Exempt) The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.
- 3 (Does Not Apply) The regulations do not apply to this emissions source. The regulations may have applicable requirements that could apply to this emissions source but the requirements do not currently apply to the source due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place.

Blank – The regulations clearly do not apply to this type of emission source.

TABLE 1: APPLICABLE LOUISIANA AND FEDERAL AIR QUALITY REQUIREMENTS

Note: This table lists regulations that are commonly applicable to many sources, but is not intended to be an all inclusive list. Alter the headings of this table as necessary in order to address ALL potentially applicable requirements.

Source ID No.:	Descriptive Name of the Source	40 CFR 60 NSPS							40 CFR 61			40 CFR 63 NESHAP				40 CFR		
		A	Ka	Kb	Db	Dc	GG	KKK	A	J	V	A	HH	DDDD	DDDDD	52	64	68

KEY TO MATRIX

- 1 (Applicable) The regulations have applicable requirements that apply to this particular emissions source. This includes any monitoring, recordkeeping, or reporting requirements.
- 2 (Exempt) The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.
- 3 (Does Not Apply) The regulations do not apply to this emissions source. The regulations may have applicable requirements that could apply to this emissions source but the requirements do not currently apply to the source due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place.

Blank – The regulations clearly do not apply to this type of emission source.

TABLE 2: STATE AND FEDERAL AIR QUALITY REQUIREMENTS

For each Emission Point ID Number:

- List each regulation that applies.
- Arrange the requirements imposed by each regulation according to the headings provided below.
- Repeat this process for each regulation that applies to each source.
- State-only Requirements should be noted as such in the appropriate column.

Emission Point ID No.:	Applicable Requirement	Compliance Method/Provision	Compliance Citation	Averaging Period/Frequency	State Only Requirement
		Requirements that limit emissions or operations -			
		Requirements that specify monitoring -			
		Requirements that specify records to be kept and requirements that specify record retention time -			
		Requirements that specify reports to be submitted -			
		Requirements that specify performance testing -			

TABLE 3: EXPLANATION FOR EXEMPTION STATUS OR NON-APPLICABILITY OF A SOURCE

Emission Point ID No:	Requirement	Exempt or Does Not Apply	Explanation	Citation Providing for Exemption or Non-applicability

<p>The above table provides explanation for either the exemption status or non-applicability of a source cited by 2 or 3 in the matrix presented in Table 1 of this application.</p>
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TABLE 4: EQUIPMENT LIST

Enter each single emission point that routes its emissions to another source (i.e., a control device) or a common stack, or is part of an Emissions Cap. List the emissions source to which each single emission point is routed or the Cap of which the source is a member, if applicable. Consult instructions.

Emission Point ID No:	Description	Construction Date	Routes to:	Operating Rate/Volume	Applicable Requirement(s)?
					<input type="checkbox"/> Yes <input type="checkbox"/> No
					<input type="checkbox"/> Yes <input type="checkbox"/> No
					<input type="checkbox"/> Yes <input type="checkbox"/> No
					<input type="checkbox"/> Yes <input type="checkbox"/> No
					<input type="checkbox"/> Yes <input type="checkbox"/> No
					<input type="checkbox"/> Yes <input type="checkbox"/> No
					<input type="checkbox"/> Yes <input type="checkbox"/> No
					<input type="checkbox"/> Yes <input type="checkbox"/> No
					<input type="checkbox"/> Yes <input type="checkbox"/> No
					<input type="checkbox"/> Yes <input type="checkbox"/> No
					<input type="checkbox"/> Yes <input type="checkbox"/> No
					<input type="checkbox"/> Yes <input type="checkbox"/> No
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					<input type="checkbox"/> Yes <input type="checkbox"/> No
					<input type="checkbox"/> Yes <input type="checkbox"/> No
					<input type="checkbox"/> Yes <input type="checkbox"/> No
					<input type="checkbox"/> Yes <input type="checkbox"/> No
					<input type="checkbox"/> Yes <input type="checkbox"/> No
					<input type="checkbox"/> Yes <input type="checkbox"/> No
					<input type="checkbox"/> Yes <input type="checkbox"/> No
					<input type="checkbox"/> Yes <input type="checkbox"/> No

23. Emissions Inventory Questionnaire (EIQ) Forms [LAC 33:III.517.D.3; 517.D.6]

Complete one (1) EIQ for:

- Each emission source. If two emission sources have a common stack, the applicant may submit one EIQ sheet for the common emissions point. Note any emissions sources that route to this common point in Table 4 of the application.
- Each emissions CAP that is proposed. In general, this applies to each source that is part of the CAP.
- Each alternate operating scenario that a source may operate under. Some common scenarios are:
 1. Sources that combust multiple fuels
 2. Sources that have Startup/Shutdown max lb/hr emission rates higher than the max lb/hr for normal operating conditions would need an EIQ for the Startup/Shutdown emission rates for those sources
- Fugitive emissions releases. One (1) EIQ should be completed for each of the following types of fugitive emissions sources or emissions points:
 1. Equipment leaks.
 2. Non-equipment leaks (i.e. road dust, settling ponds, etc).

For each EIQ:

- Fill in all requested information.
- Speciate all Toxic Air Pollutants and Hazardous Air Pollutants emitted by the source.
- Use appropriate significant figures.
- Consult instructions.

The EIQ is in Microsoft Word Excel. Visit the following website to get to the EIQ form.

<http://www.deq.louisiana.gov/portal/DIVISIONS/AirPermits/AirPermitApplications.aspx>

24. NSR Applicability Summary [LAC 33:III.504 and LAC 33:III.509] N/A

This section consists of five tables, A-E, and is applicable only to new and existing major stationary sources (as defined in LAC 33:III.504 or in LAC 33:III.509) proposing to permit a physical change or change in the method of operation. It would also apply to existing minor stationary sources proposing a physical change or change in the method of operation where the change would be a major source in and of itself. Add rows to each table as necessary. Provide a written explanation of the information summarized in these tables. Consult instructions.

24.A. Project Summary

		A	B	C	D	E	F
Emission Point ID	Description	New, Modified, Affected, or Unaffected*	Pre-Project Allowables (TPY)	Baseline Actual Emissions (over 24-month period)	Projected Actual Emissions (TPY)	Post-Project Potential to Emit (TPY)	Change
PM_{2.5}	24-Month Period: MM/DD/YYYY – MM/DD/YYYY						
						PM_{2.5} Change:	
PM₁₀	24-Month Period: MM/DD/YYYY – MM/DD/YYYY						
						PM₁₀ Change:	
SO₂	24-Month Period: MM/DD/YYYY – MM/DD/YYYY						
						SO₂ Change:	
NO_x	24-Month Period: MM/DD/YYYY – MM/DD/YYYY						
						NO_x Change:	

CO	24-Month Period: MM/DD/YYYY – MM/DD/YYYY						
						CO Change:	

VOC	24-Month Period: MM/DD/YYYY – MM/DD/YYYY						
						VOC Change:	

CO₂e	24-Month Period: MM/DD/YYYY – MM/DD/YYYY						
						CO₂e Change:	

* Unaffected emissions units are not required to be listed individually. By choosing not to list unaffected emissions units, the applicant asserts that all emissions units not listed in Table 24.A will not be modified or experience an increase in actual annual emissions as part of the proposed project.

24.B. Creditable Contemporaneous Changes

Contemporaneous Period: MM/DD/YYYY – MM/DD/YYYY							
		A	B	C	D	E	F
Emission Point ID	Description	Date of Modification	Pre-Project Allowables (TPY)	Baseline Actual Emissions (over 24-month period)	24-Month Period	Post-Project Potential to Emit (TPY)	Change
PM_{2.5}							

24.B. Creditable Contemporaneous Changes

							PM_{2.5} Change:		
PM₁₀									
							PM₁₀ Change:		
SO₂									
							SO₂ Change:		
NO_x									
							NO_x Change:		
CO									
							CO Change:		
VOC									
							VOC Change:		

24.B. Creditable Contemporaneous Changes

CO ₂ e								
							CO₂e Change:	

For each source identified as “New” or “Modified” in Section 24.A, complete the following table for each pollutant that will trigger NSR. If LAER is not required per LAC 33:III.504.D.3, indicate such.

24.C. BACT/LAER Summary

Emission Point ID	Pollutant	BACT/LAER	Limitation	Averaging Period	Description of Control Technology/Work Practice Standard(s)

24.D. PSD Air Quality Analyses Summary

		A	B	C	D	E	F	G	H	I
Pollutant	Averaging Period	Preliminary Screening Concentration (µg/m ³)	Level of Significant Impact (µg/m ³)	Significant Monitoring Concentration (µg/m ³)	Background (µg/m ³)	Maximum Modeled Concentration (µg/m ³)	Modeled + Background Concentration (µg/m ³)	NAAQS (µg/m ³)	Modeled PSD Increment Consumption (µg/m ³)	Allowable Class II PSD Increment (µg/m ³)
PM _{2.5}	24-hour		1.2	4				35		-
	Annual		0.3	-				15		-
PM ₁₀	24-hour		5	10				150		30
	Annual		1	-				50		17
SO ₂	1-hour		7.8	-				195		-
	3-hour		25	-				1300		512
	24-hour		5	13				365		91
	Annual		1	-				80		20
NO _x	1-hour		7.5	-				188		-
	Annual		1	14				100		25
CO	1-hour		2000	-				40,000	-	-
	8-hour		500	575				10,000	-	-
Lead	3-month		-	0.1				1.5	-	-

24.E Nonattainment New Source Review Offsets [LAC 33:III.517.D.16, LAC 33:III.504.D.4 & 5] N/A

Complete this section only if the proposed project triggers Nonattainment New Source Review (NNSR).

This project triggers NNSR review for: **NO_x** **VOC**

NO_x:

Is the applicant proposing to use internal offsets? **Yes** **No**

If not, identify the source of the offsets. **Company:** _____

Facility/Unit: _____

Permit No.: _____

Is an ERC Bank Application included with this application, or has an application already been submitted to LDEQ?

Yes **No**

If the ERC application has already been submitted, give the date: _____

Identify the emissions units from which the offsets will be obtained (reference specific Emission Point ID numbers).

VOC:

Is the applicant proposing to use internal offsets? **Yes** **No**

If not, identify the source of the offsets. **Company:** _____

Facility/Unit: _____

Permit No.: _____

Is an ERC Bank Application included with this application, or has an application already been submitted to LDEQ?

Yes **No**

If the ERC application has already been submitted, give the date: _____

Identify the emissions units from which the offsets will be obtained (reference specific Emission Point ID numbers).

In order to expedite processing, please be sure the ERC Bank Application is completed properly. In the case of NO_x, the document should clearly differentiate between ozone season and non-ozone season actual emissions during the baseline period. Regarding NO_x and VOC, be sure to indicate if a portion of the reductions are no longer surplus (e.g., due to new or revised federal or state regulations, use in a netting analysis, etc.).

24.F. Economic Impact

Answer the following questions.

How many temporary jobs will be added as a result of this project? _____

How many permanent jobs will be added as a result of this project? _____

24.G Notification of Federal Land Manager [LAC 33:III.504.E.1, LAC 33:III.509.P.1]

Complete this section only if the proposed project triggers NNSR or PSD.

- a.** Is the proposed facility or modification located within 100 kilometers of a Class I Area? **Yes** **No**
 If Yes, determination of Q/d is not required; skip to the next question. If No, complete the Q/d equation below:

$$Q/d = \frac{PM_{10(NED)} + SO_{2(NED)} + NO_{X(NED)} + H_2SO_{4(NED)}}{Class\ I\ km}$$

where:

$PM_{10(NED)}$	= net emissions increase of $PM_{10}^{1,2}$
$SO_{2(NED)}$	= net emissions increase of $SO_2^{1,2}$
$NO_{X(NED)}$	= net emissions increase of $NO_X^{1,2}$
$H_2SO_{4(NED)}$	= net emissions increase of $H_2SO_4^{1,2}$
Class I km	= distance to nearest Class I Area ³

Q/d = _____ + _____ + _____ + _____ = _____

If $Q/d < 10$, proceed to Section 26. If $Q/d \geq 10$, complete the remainder of this Section.

- b.** Has the applicant provided a copy of the application to the Federal Land Manager? **Yes** **No**
- c.** Does the application contain modeling that demonstrates no adverse impact on Air Quality Related Values (AQRVs) in the Class I Area? **Yes** **No**
- d.** If Yes, indicate the model used: **VISCREEN** **PLUVUE II** **CALPUFF** **Other:**⁴ _____
- e.** Has the Federal Land Manager concurred that the proposed project will not adversely impact any AQRVs?
 Yes **No** If Yes, please attach correspondence.

¹If the net emissions increase of any pollutant is negative, enter "0."
²If the project did not trigger a netting analysis, use the project increase. In this case, the value will be less than the pollutant's significance level.
³In kilometers.
⁴Model must be approved by LDEQ and the Federal Land Manager.

25. Environmental Assessment Statement (EAS or “IT” Question Responses)

[La. R.S. 30:2018] Yes No

*** This section is required when applying for new Part 70 operating permits and/or major modifications. Any applications for these permit types that do not include answers to these questions will not be considered to be administratively complete. ***

For new Part 70 operating permits and/or major modifications, answers to these questions must be provided by the applicant to the local governmental authority and the designated public library at no additional costs to these entities. Consult instructions to determine what is considered to be a “local governmental authority” and a “designated public library”. Indicate the name and address of the local governmental authority and the designated public library to which the answers to these questions were sent:

Name of Local Governing Authority			Name of Designated Public Library		
Street or P.O. Box			Street or P.O. Box		
City	State	ZIP	City	State	ZIP

Answer the following five questions on separate pages using full and complete answers. Include as many pages as necessary in order to provide full and complete answers. This information is required per Louisiana Revised Statutes 30:2018 (La. R.S. 30:2018).

Question 1: Have the potential and real adverse environmental effects of the proposed facility been avoided to the maximum extent possible? (This question requires the permittee to identify adverse environmental effects, both potential and real.)

Question 2: Does a cost benefit analysis of the environmental impact costs balanced against the social and economic benefits of the proposed facility demonstrate that the latter outweighs the former? (This question requires the permittee to perform a cost-benefit analysis, or at least a quantitative indication of the economic benefits and a qualitative description of the negative impacts expected from the permittee's operation. The latter should come from the answer to Question 1.)

Question 3: Are there alternative projects which would offer more protection to the environment than the proposed facility without unduly curtailing non-environmental benefits? (This question requires the permittee to demonstrate having considered alternate technologies.)

Question 4: Are there alternative sites which would offer more protection to the environment than the proposed facility site without unduly curtailing non-environmental benefits? (This is the question that deals directly with siting criteria.)

Question 5: Are there mitigating measures which would offer more protection to the environment than the facility as proposed without unduly curtailing non-environmental benefits? (This question requires the permittee to demonstrate having considered the most stringent techniques for reducing or more efficiently handling waste.)

26. Sections of The Permit Application That Are Not Included

This section does not require any input on the part of the permit applicant. The purpose of this section is to communicate to LDEQ which sections of the permit application were intentionally omitted from the permit application. The sections indicated below were intentionally omitted from the permit application as allowed by the Paperwork Reduction Format of the *Louisiana Application for Approval of Emissions from Part 70 Sources*.

- | |
|---|
| <input type="checkbox"/> Portions of Section 2 – Process Description and Physical Location |
| <input type="checkbox"/> Section 3 – Confidentiality |
| <input type="checkbox"/> Section 7 - Pending Permit Applications – For Process Unit-Specific Permits Only |
| <input type="checkbox"/> Section 8 - LAC 33:I.1701 Requirements – Answer all below for new sources and permit renewals |
| <input type="checkbox"/> Section 9 – Permit Shield |
| <input type="checkbox"/> Section 14a – Enforcement Actions |
| <input type="checkbox"/> Section 14b – Schedule for Compliance |
| <input type="checkbox"/> Section 15 – Letters of Approval for Alternate Methods of Compliance |
| <input type="checkbox"/> Section 16 – Initial Notifications and Performance Tests |
| <input type="checkbox"/> Section 17 - Existing Prevention of Significant Deterioration or Nonattainment New Source Review Limitations |
| <input type="checkbox"/> Section 18 – Air Quality Dispersion Modeling |
| <input type="checkbox"/> Section 19 – General Condition XVII Activities |
| <input type="checkbox"/> Section 20 – Insignificant Activities |
| <input type="checkbox"/> Section 21 - Regulatory Applicability for Commonly Applicable Regulations |
| <input type="checkbox"/> Section 22 – Applicable Regulations, Air Pollution Control Measures, Monitoring, and Recordkeeping |
| <input type="checkbox"/> Section 12 - Proposed Project Emissions and Section 23 – Emissions Inventory Questionnaire (EIQ) Forms |
| <input type="checkbox"/> Section 24A – Project Summary |
| <input type="checkbox"/> Section 24B – Creditable Contemporaneous Changes |
| <input type="checkbox"/> Section 24C - BACT/LAER Summary |
| <input type="checkbox"/> Section 24D – PSD Air Quality Analyses Summary |
| <input type="checkbox"/> Section 24E – Nonattainment New Source Review Offsets |
| <input type="checkbox"/> Section 24F – Economic Impact |
| <input type="checkbox"/> Section 24G – Notification of Federal Land Manager |
| <input type="checkbox"/> Section 25 - Environmental Assessment Statement (EAS or “IT” Question Responses) |