

**APPLICATION INSTRUCTIONS:
PRINTING/PACKAGING MINOR FACILITY
AIR QUALITY GENERAL PERMIT**

ASSISTANCE AVAILABLE @
DEQ Customer Assistance: (405) 702-9100
(800) 869-1400
Air Quality Division: (405) 702-4100

INTRODUCTION

This package contains the State of Oklahoma Air Quality General Permit Application to Construct and/or Operate a Printing and/or Packaging minor facility. Please read all the directions carefully before you fill it out. Answer all questions by checking the appropriate box or filling in a response (e.g., NA--not applicable). An original signature from a responsible official is required for certifications. Please note that delays in processing your application may occur if an incomplete application is submitted. It is the applicant's responsibility to submit a complete application well in advance of anticipated commencement of construction, start up dates, or the effective date of operating permit program requirements to allow sufficient time for proper application review and permit issuance. Note that the following instructions provide a general description of the application process. See the permit for specific information on eligibility and applicable requirements.

ELIGIBILITY

Eligible facilities are those designed and operated for the primary purpose of producing printed/packaged products and typically include printing presses, heaters/boilers, packaging operations, and storage tanks. These facilities may include those emissions units subject to NSPS (40 CFR Part 60) Subpart QQ (Graphic Arts Industry: Publication Rotogravure Printing for which Construction, Reconstruction, or Modification commenced after October 28, 1980); Subpart FFF (Flexible Vinyl and Urethane Coating and Printing for which Construction, Reconstruction, or Modification commenced after January 18, 1983); Subpart Kb (Volatile Organic Liquid Storage Tanks for which Construction, Reconstruction, or Modification commenced after July 23, 1984); Subpart Dc (Small Industrial-Commercial-Institutional Steam Generating Units for which Construction, Reconstruction, or Modification commenced after June 9, 1989); and NESHAP (40 CFR Part 63) Subpart KK (Printing and Publishing Industry) area sources only. Note that NSPS Subparts QQ and FFF for printing facilities apply to rotogravure printing only. To be eligible, all tanks with a capacity greater than 400 gallons and vapor pressure greater than 1.5 psia must be equipped with a submerged fill. Facilities with other emissions units are not eligible for this permit, unless they are de minimis (See OAC 252:100, Appendix G), or they are authorized under an individual construction permit (as described below) and the requirements in the construction permit are incorporated into an Authorization to Operate.

Facilities that are major (Part 70) sources and those with emissions units subject to Hazardous Waste Treatment, Storage and Disposal regulations (40 CFR Part 265) are not eligible for coverage under this permit. Certain other facilities are not eligible for an Authorization to Construct under this permit, and must apply for an individual construction permit. Following construction in compliance with the individual permit, such facilities may seek an Authorization to Operate under this general permit, provided that all relevant requirements in the construction permit are incorporated into the Authorization to Operate. These facilities include those requesting an Alternative Emissions Reduction Authorization; facilities located in an area designated as non-attainment; facilities with equipment subject to the existing equipment standards for sulfur dioxides at OAC 252:100-31-7(a); facilities with emission units that are not exempted from Part 5 ("Toxic Air Contaminants") of OAC 252:100-41, as specified in OAC 252:100-41-43; facilities located in Tulsa County that store gasoline or other VOCs (with vapor pressure greater than 1.5 psia) in storage tanks with a capacity greater than 2,000 gallons; and facilities with fuel-burning equipment fired with fuels other than: natural gas; liquid petroleum gas (LPG), diesel with a sulfur content less than 0.8% by weight, or #2 through #6 fuel oil with a maximum of 0.8 wt% sulfur. Facilities owned or operated by applicants that have not paid all monies owed to the DEQ or that are not in substantial compliance with the Environmental Quality Code, rules of the Board and the terms of any existing DEQ permits and orders are not eligible for this permit unless they submit an approvable compliance plan to be included in an Authorization issued under this permit.

PERMIT CONTINUUM

This general permit has been developed to include requirements for all minor facilities with emissions above de minimis levels. Thus, facilities typically eligible for Permit by Rule (generally > 5 TPY and < 40 TPY), and minor source (generally > 5 TPY and < 100 TPY) facilities may obtain coverage under this permit if they meet the eligibility requirements. The permit is structured so that eligible facilities can sequentially obtain an Authorization to Construct and an Authorization to Operate under the permit, or obtain an individual construction permit and then

an Authorization to Operate under the GP. However, conditions from the individual construction permit must be equivalent or more stringent than those already established from applicable requirements given in the GP.

The permit is designed to allow minor facilities to fulfill the requirement to obtain a construction permit and operating permit for new facilities and for modifications to existing facilities. A *Notice of Intent (NOI) to Construct*, along with the \$500 fee, is required prior to commencing construction or installation of any new facility other than a de minimis facility. Coverage under the general permit is effective upon receipt of the *NOI to Construct* by the AQD. After construction is complete, an application for an *Authorization to Operate*, must be submitted within 60 days of start-up. Most modifications to the facility do not require a new Authorization to Construct/Operate. However, the owner/operator must provide notification to the AQD within 7 days of the change. The *NOI to Operate* form may be used to make that notification. (See Part 1, Section III of the permit)

EMISSIONS LIMITATIONS

Emissions limitations are established in Authorizations issued under this permit as a facility-wide cap on emissions, not to equal or exceed 100 TPY of any regulated pollutant, nor to equal or exceed 10 TPY of any single HAP or 25 TPY of all HAPs (major source thresholds). These limitations are generally established from specific conditions given in the general permit, or may be incorporated into an Authorization from previously issued permits for the facility so long as they are equivalent or more stringent than those established in the general permit. Thus, minor facilities, for which the permit is valid for the life of the facility, will typically only need a new Authorization to Operate when they add a piece of equipment not specifically “pre-authorized” by the GP. Any other change would require only that the permittee notify DEQ of the change, not exceed the major source thresholds, and keep records of all changes made to the facility.

TIER DETERMINATION

DEQ's “Uniform Permitting” system, under OAC 252:002, categorizes applications as Tier I, II, or III, depending on their complexity and the amount of public interest. All Authorizations under a minor facility GP are issued as Tier I. Tier I requirements require only landowner notification. Public notice is not required for filing the application or issuance of the Authorization.

PERMIT FEES

For applicable fees, please complete Form 100-815, which is included in this packet.

APPLICATION CHECKLIST A complete application must include the items listed below:

New Facility, for which coverage under the GP is effective upon receipt of the following:	
<input type="checkbox"/>	DEQ Form # 100-810 (DEQ Landowner Notification Affidavit)
<input type="checkbox"/>	DEQ Form #100-815 (AQ Application Classification Fees)
<input type="checkbox"/>	DEQ Form # 100-888 (Notice of Intent to Construct)
Existing Facility, for which coverage under the GP is effective upon issuance of an Authorization to Operate:	
<input type="checkbox"/>	DEQ Form # 100-810 (DEQ Landowner Notification Affidavit)
<input type="checkbox"/>	DEQ Form #100-815 (AQ Application Classification Fees)
<input type="checkbox"/>	DEQ Form # 100-889 (Notice of Intent to Operate)
<input type="checkbox"/>	DEQ Form # 100-884 (General Facility Information Form)
<input type="checkbox"/>	DEQ Form # 100-350 (Printing/Packaging Minor Facility General Permit Application)
<input type="checkbox"/>	Facility Plot Plan
<input type="checkbox"/>	Process Flow Diagram (label emission units as identified in the Application)

SUBMIT A COMPLETED APPLICATION TO:

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
 AIR QUALITY DIVISION
 707 N. ROBINSON AVE., SUITE 4100
 P.O. BOX 1677
 OKLAHOMA CITY, OKLAHOMA 73101-1677

DEQ LANDOWNER NOTIFICATION AFFIDAVIT

Tier I, II, or III permit applicants must provide notice to the landowner(s). The basis for this requirement is Title 27A of the Oklahoma Statutes, Supplement 1996, § 2-14-103(9), as described in OAC 252:4-7-13 (b).

Please note that you **MUST** fill out and return this affidavit even if you don't have to give any landowner notice.

A	NOTICE TO THE LANDOWNER(S) IS NOT REQUIRED because: (check one)
	My application does not involve any land.
	My application involves only land owned by me (or applicant business).
	I have a current lease given to accomplish the permitted purpose.
	I have a current easement given to accomplish the permitted purpose.

OR

B	NOTICE TO THE LANDOWNER(S) IS REQUIRED because the land is owned by someone other than myself or the applicant business AND I HAVE NOTIFIED the following (check one):	
	Landowner(s)	Lessor or Administrator or Executor of the land
METHOD OF DELIVERY (check one):		
	Actual notice, for which I have a signed and dated receipt	
	Service by Sheriff or private process server, for which I have an affidavit	
	Service by certified mail, restricted delivery, for which I have a signed return receipt	
	Legal publication, for which I have an affidavit of publication from the newspaper, because the landowners could not be located through due diligence	

LANDOWNER AFFIDAVIT CERTIFICATION			
I, as the applicant or an authorized representative of the applicant, hereby certify that I own the real property, have a current lease or easement which is given to accomplish the permitted purpose (per Option A above), or have provided legal notice to the landowner(s) (per Option B above) about the permit application for the facility described below.			
Company Name		Facility Name	
Facility Address or Legal Description.			
Responsible Official (signature)		Date Signed	
Responsible Official (typed)		Title	

If the landowner notice applies to your application (Option B above) you can send the following form to them as your notice:

NOTICE TO LANDOWNER OF FILING	
Dear Landowner: (Name) _____	
(Applicant name) _____ has filed a permit application with the Oklahoma Department of Environmental Quality for (Facility Name) _____ facility.	
This application involves the land owned by you located at:	
Address or Legal Description: _____	

Signed: _____	Date: _____

**AIR QUALITY PERMIT APPLICATION
GENERAL FACILITY INFORMATION**

APPLICATION NUMBER
(AQD Use Only)

1	COMPANY INFORMATION	Name								
Mailing Address					City		State		Zip	

2	APPLICATION TYPE	Applicability Determination	Construction Permit	Operating Permit							
GP Authorization To Operate		GP Authorization To Construct		GP Name:							
Renewal	Modification	Relocation	PBR	PBR Type:							
Permit Number(s) (If Applicable)											
Est. Date of Construction/Modification Start:			Operational Start-up:		Completion:						
Construction Permit Public Review Process:			Traditional		Enhanced						

3	IS CONFIDENTIAL INFORMATION INCLUDED?	YES	NO								
By including confidential information, Applicant acknowledges that such information may be shared with the U.S. Environmental Protection Agency for purposes consistent with the Federal Clean Air Act, 42 U.S.C. §§ 4201 et. seq.											

4	TIER CLASSIFICATION	Tier I	Tier II	Tier III	N/A – AD only						
FACILITY TYPE		Major	Minor	Synthetic Minor							

5	FEES SUBMITTED	\$	Check #	Date						
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6	TECHNICAL CONTACT	Name								
Phone	Fax	Email Address								
Company Name										
Street Address		City	State	Zip						

7	FACILITY INFORMATION	Name								
SIC Code(s)		NAICS Code(s)								
Contact Person			Title	Phone						
LEGAL DESCRIPTION	Sub Section	Section	Township	Range						
Physical Address or Driving Directions										
City or Nearest Town		Zip	County							

8	GEOGRAPHIC COORDINATES	Latitude (to 5 Decimals)	Longitude (to 5 Decimals)							
REFERENCE POINT		Facility Entrance Point or First Gate of Lease Property (preferred above all other options)								
Center of Facility	Unknown	Other (Specify):								

9	APPLICATION CERTIFICATION	This application, including all attachments, has been submitted as required by OAC 252:100.								
I certify that (a) I am the Responsible Official for this company as defined in OAC 252:100-1-3; and (b) based on information and belief formed after reasonable inquiry, the statements and information contained in this application are true, accurate, and complete.										
Responsible Official (name)			Title							
Responsible Official (signature)			Date							
Phone	Fax	Email Address								
Street Address		City	State	Zip						

NOTICE OF INTENT TO CONSTRUCT AIR QUALITY GENERAL PERMIT

Complete this form, instead of DEQ Form #100-884, for construction of a proposed (new) facility eligible for coverage under one of the following general permits. Coverage under the general permit is effective upon receipt of this form, by the AQD along with a completed DEQ Landowner Notification Affidavit. Notification under any applicable NSPS and NESHAPs should also be submitted according to the schedules specified in the corresponding Federal rules.

1	COMPANY INFORMATION	Name				
	Mailing Address					
	City		State		Zip	

2	GENERAL PERMIT TYPE (check one)					
	Hot-Mix Asphalt Plant	<input type="checkbox"/>	Printing and/or Packaging Facility	<input type="checkbox"/>	Petroleum Liquid Storage Facility	
	Est. Date of Construction/Modification Start:				Completion:	
	Operational Start-up Date					

3	CONFIDENTIAL INFORMATION INCLUDED	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
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4	FEES SUBMITTED	\$		Check #		Date	
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5	TECHNICAL CONTACT	Name				
	Phone		Fax			
	Company Name					
	Street Address					
	City		State		Zip	

6	FACILITY INFORMATION	Name				
	Description					
	SIC Code(s)					
	Contact Person			Title	Phone	
	Legal Description	Section		Township	Range	
	Physical Address or Driving Directions					
	City or Nearest Town			Zip	County	

7	Describe Any Residence, Park, School, etc. within ¼ mile			
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8	LIST ALL CURRENT AIR QUALITY PERMIT NUMBERS AT THIS FACILITY

9	NOI CERTIFICATION					
This application has been submitted as required by OAC 252:100-7-15(c). I understand that I am responsible for assuring construction of the above facility in accordance with this application and OAC 252:100.						
	Responsible Official (signature)				Date	
	Responsible Official (typed)			Phone	Fax	
	Responsible Official Title			Email Address		
	Street Address		City	State	Zip	

PRINTING/PACKAGING EQUIPMENT

AIR QUALITY GENERAL PERMIT for a MINOR PRINTING and/or PACKAGING FACILITY

Please provide the following information for this Printing/Packaging Facility. Please list all emission units located at the facility in the table below. For each unit, give a unique identifier (e.g. facility numbering system or emissions inventory ID#), a description (e.g., press, thermal oxidizer, tank, etc.), number of hours per year operated, the date the equipment was manufactured or modified, the installation date (actual or projected), the type and efficiency (control and capture) of any control equipment, whether that equipment is subject to an NSPS or NESHAP (Enter "QQ", "FFF", "Dc", "Kb", "KK", "None", or specify another), and indicate whether the unit is subject to the requested permit action (Check "yes" on all emission units for a permit for a new facility, or just those specific units being added, or modified, at an existing facility).

Emission Unit ID#	Description	Maximum Hours of Operation (hrs/yr)	Manufacture or Modification Date MM/DD/YY	Install Date MM/DD/YY	Control Equipment (if any)		Unit Subject to NSPS or NESHAP ? (Specify)	Unit Subject of this Permit Action?	
					Type	Efficiency (%Wt)		Yes	No

Please provide a summary of the annualized actual emissions of all regulated pollutants from each emission source (e.g., printing press, drying-oven fuel combustion, storage tank, thermal oxidizer, and other equipment) at the facility, and the basis for each (e.g., AP-42 natural gas combustion).

FACILITY-WIDE EMISSIONS SUMMARY							
Emission Unit ID#	Description	NOx (TPY)	CO (TPY)	VOC (TPY)	SO ₂ (TPY)	PM ₁₀ (TPY)	HAPs (TPY)
Total							

Provide the following information for each piece of equipment. Data submitted for construction permits should be a best estimate. The values may be modified following construction and/or subsequent testing.

PRINTING PRESS INFORMATION						
Press	Model	Size ¹	Date of Mfg.	Web or Sheet-Fed	Type of Ink (Heatset or Non-heatset)	# of Print Units

¹Indicate press type according to size, as used in AP-42, (1/95), Sections 4.91 and 4.9.2.

Please provide the following information if any organic liquid storage tank(s) (e.g., ink, solvents) are operated at the facility.

STORAGE TANK INFORMATION								
Tank ID #	Const. Date	Capacity (gal)	Tank Dimension (D x H)	Tank Color	Material Stored	Vapor Pressure (psia)	Throughput (gal/yr)	Control ¹ (specify)

¹submerged fill “SF”, Vapor Recovery System “VRS”, or other (specify)

PACKAGING OPERATIONS INFORMATION¹						
Associated Emission Unit ID#	Equipment or Operation	Description	Process Rate²	Rate Basis³	Emissions Rate (lb/hr)	Pollutant

¹ You may want to subdivide this table into the major packaging operations, e.g., cutting, folding, assembling, and binding.
² weight rate or usage rate, e.g. 2,800 lb/hr of corrugated medium or 4 gallons/day of ABC adhesive
³ throughput or usage, e.g. 2,800 lb/hr of corrugated medium or 4 gallons/day of ABC adhesive

CONTROL EQUIPMENT INFORMATION							
Emission Unit ID# Controlled	Type of Control Equipment	Model	Fuel	Date of Mfg or Mod.	Hours of Operation	Efficiency¹ (%)	Unit Subject to NSPS? (Specify)

¹Overall (capture and control device) efficiency.

Uncontrolled Emission Rate Calculations-- Use the following guidelines to calculate the maximum uncontrolled hourly emission rate of VOCs, HAPs, and TACs from ink usage, fountain solution, and cleaning solution. HAPs and TACs may be estimated as a percentage of VOC content from each process.

Ink Usage

Maximum hourly emissions must be calculated assuming maximum press speed (ft/min for webs and sheets/hour for sheet fed presses), ink coverage, VOC content in the ink, and web width for web presses. Any physical limitations (i.e., dryer capacity) in the process may be used in your calculation, but they must be clearly supported.

Web Presses

$$e = s \left[\frac{\text{ft}}{\text{min}} \right] \times w [\text{ft}] \times c \left[\frac{\text{lbs ink}}{\text{ft}^2 \text{ web}} \right] \times v \left[\frac{\text{lbs VOC}}{\text{lb ink}} \right] \times 60 \left[\frac{\text{min}}{\text{hr}} \right] \times \left(1 - \frac{r}{100} \right)$$

where:

- e = potential emissions in lbs/hour
- s = maximum web speed in ft/min
- w = maximum web width
- c = maximum ink coverage in pounds of ink per square foot (use manufacturer's information, historical records, or data from a similar press)
- v = maximum VOC content of the ink
- r = VOC retention factor in web (generally, r = 95% for non-heatset lithographic presses and 20% for heatset web lithographic presses)

Sheet-fed presses

$$e = s \left[\frac{\text{sheets}}{\text{hr}} \right] \times a [\text{ft}^2] \times c \left[\frac{\text{lbs ink}}{\text{ft}^2 \text{ sheet}} \right] \times v \left[\frac{\text{lbs VOC}}{\text{lb ink}} \right] \times \left(1 - \frac{r}{100} \right)$$

where:

- e = potential emissions in lbs/hour
- s = maximum press speed in sheets/hour
- a = maximum sheet area in square feet
- c = maximum ink coverage in pounds of ink per square foot (use manufacturer's information, historical records, or data from a similar press)
- v = maximum VOC content of the ink
- r = VOC retention factor in web

Fountain Solution Usage

VOC emissions from fountain solutions are from alcohol added to the water in the fountain solution to decrease the surface tension of the water. The alcohol is assumed to be completely volatilized, so VOC

emissions are equal to alcohol use. To calculate your VOC potential-to-emit from fountain solution, determine what your maximum possible usage of fountain solution could be in gallons per day. You may base this calculation on historical records or records from a similar press; however, make sure that you adjust these historical records to reflect the maximum capacity of your press. Once you know the most fountain solution you could ever use in one day, you may calculate potential-to-emit as follows:

$$e = u \left[\frac{\text{gal. solution}}{\text{day}} \right] \times v \left[\frac{\text{lbs VOC}}{\text{gal. solution}} \right] \times \frac{1}{24} \left[\frac{\text{days}}{\text{hr}} \right]$$

where:

e = potential emissions in lbs/hr

u = maximum possible fountain solution usage in gal/day

v = maximum VOC content of fountain solution

You must attach sheets showing your calculations. Remember that your estimate must reflect the maximum possible usage.

Cleaning Solution Usage

VOC emissions from cleaning solutions are calculated assuming the maximum VOC content of the cleaning solution, and assuming that all of the VOC is completely volatilized. The maximum amount of cleaning solution that would ever be used can be calculated based on historical records or records from a similar press, similar to the fountain solution calculation shown above. Adjust any historical data to reflect maximum production capacity. You must attach sheets showing your calculations. Remember that your estimate must reflect the maximum possible usage.

Packaging Operations

Estimates of emissions of VOCs from packaging operations are calculated using a material balance method, as described in the latest approved version of AP-42 "Compilation of Air Pollution Emission Factors," and further described in the STAPPA/ALAPCO/EPA Emission Inventory Improvement Program, "Technical Report: Area Sources and Area Source Method Abstracts: Graphic Arts," Vol. III, Chapter 7, November 1996. Documentation should be included showing the percent by weight or weight-to-volume ratio (lbs/gal) VOC, HAP, and TAC content of adhesives and cleaning solutions.

Estimates of emissions of particulate matter from packaging operations are also calculated using a material balance method. Documentation should be included showing the monthly amount of material (e.g., paper) processed, and an estimate of PM and PM₁₀ emissions.

**NOTICE OF INTENT TO OPERATE
AIR QUALITY GENERAL PERMIT**

Company Name					
Mailing Address					
City		State		Zip	
Facility Name			Current Authorization Number		

APPLICABLE GENERAL PERMIT:

<input type="checkbox"/>	Hot-Mix Asphalt Plant	<input type="checkbox"/>	Printing and/or Packaging Facility	<input type="checkbox"/>	Petroleum Liquid Storage Facility
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REQUEST TO OPERATE OR CHANGE OPERATIONS (check one)

<input type="checkbox"/>	I hereby make application for an Authorization to Operate under the specified General Permit. I also certify that the facility has been constructed in compliance with all applicable requirements and the requirements and conditions of the previously issued Authorization to Construct (if any), except as noted below. Application must be made within 60 days of commencing operation. Also include a completed Form 100-884, a DEQ Landowner Notification Affidavit (Form 100-810), and any industry-specific form corresponding to the applicable General Permit (e.g., Form 100-340 or 100-350).				
<input type="checkbox"/>	I hereby provide notification of construction of an additional emissions unit under the specified General Permit. Notification must be made within 7 days of the start of operation.				
	The unit is (describe):		Emissions increase (TPY):		
	Subject to NSPS/NESHAP?	<input type="checkbox"/> No	<input type="checkbox"/> Yes (Specify Part & Subpart):		
<input type="checkbox"/>	I hereby provide notification of a change in operations (different material or throughput) used at the facility under the specified General Permit. Notification must be made within 7 days of the start of operation.				
	Changed from:		To		Date:
	The unit is (describe):		Emissions increase (TPY):		

CHANGE(S) Note changes in construction of the facility (if any) as previously authorized in an Authorization to Construct or individual permit. Also identify any needed changes in permit conditions as a result of these changes.

Type of Change:					
Reason for Change:					
Requested Permit Condition:					

Compliance demonstrations must be attached to this NOI for any emissions unit constructed/operated under this permit. Such compliance demonstration shall be performed as specified in an individual permit, or the Authorization to Construct under this General Permit, for that particular emission unit.

COMPLIANCE DEMONSTRATION (check those emission units for which compliance demonstrations are attached)

<input type="checkbox"/>	Process Equipment	<input type="checkbox"/>	Storage Tank	<input type="checkbox"/>	Control Equipment
<input type="checkbox"/>	Other (Specify):				

NOTICE OF INTENT CERTIFICATION

This notice of intent has been submitted as required by OAC 252:100-7. Based on information and belief formed after reasonable inquiry, I certify that the statements and information contained in this application are true, accurate, and complete.

Responsible Official (signature)			Responsible Official (typed)			
Responsible Official Title			Date		Phone	
Email Address					Fax	
Street Address		City		State		Zip

AIR QUALITY DIVISION CLASSIFICATION OF AQ PERMIT APPLICATIONS & APPLICATION FEES	<i>Received Stamp (DEQ Use Only)</i>	Application Number (AQD Use Only)	

Company Name							
Facility Name							
Mailing Address		City		State		Zip	

This form is used to document both a preliminary determination of the Tier classification and any associated Application Fee.

Step 1: APPLICATION CLASSIFICATION AND TIER DETERMINATION

DEQ's "Uniform Permitting" system, under OAC 252:004, categorizes different types of applications as Tier I, II, or III, depending on their complexity and the amount of public interest. The main effect of a Tier classification is the amount of public review given the application. For Air Quality permits, Tier I basically includes minor facilities and most synthetic minor facilities. Tier II covers major sources, and Tier III covers only very large sources such as those requiring PSD review. Additional information to make a preliminary determination of the Tier classification is provided on the next page. This determination will be verified before permit issuance.

Note that all Tier II and III applications require public notice of the application in one newspaper local to the site or facility as soon after the filing date as possible. Other public participation requirements, such as notice of draft and proposed permit, and notice of public meeting may also be required. Contact our office for more information on these requirements.

TIER CLASSIFICATION		Tier I		Tier II		Tier III		N/A – AD only
FACILITY TYPE		Major		Minor		Synthetic Minor	Confirmed/Corrected by: (AQD Use Only)	

Step 2: APPLICATION TYPE & FEE

Application fee may be determined according to the following schedule. The emissions level is based on the single criteria pollutant with the highest emissions rate. Fees are subject to change – please refer to OAC 252:100-7-3 or 252:100-8-1.7 for the latest fee schedule.

MAJOR SOURCE		Fee	MINOR OR SYNTHETIC MINOR SOURCE		Fee
	Applicability Determination (100734)	\$500		Applicability Determination (100922)	\$500
	GP- Authorization to Construct (100778)	\$900		PBR – Construct (100985)	\$250
	GP- Authorization to Operate (100788)	\$900		PBR – Operate (100989)	\$100
	Part 70 Construction (100150)	\$7,500		GP – Authorization to Construct (100826)	\$500
	Part 70 Construction Modification (100779)	\$5,000		GP – Authorization to Operate (100827)	\$500
	Part 70 Operation (100733)	\$7,500		Construction (100829)	\$2,000
	Part 70 Minor Modification (100781)	\$3,000		Permit Amendment – no emission increase (100830)	\$500
	Part 70 Significant Modification (100786)	\$6,000		Operating Permit (100831)	\$750
	Part 70 Renewal (100787)	\$7,500		Operating Permit Modification (100833)	\$750
	Part 70 Relocation (100782)	\$500		Relocation (100834)	\$250

Application Type Confirmed – (AQD Use Only)	
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GP or PBR Name (If Applicable):		Existing Permit Number (If Applicable)	
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PAYMENT INFORMATION

Please choose one payment type and attach payment – payable to the Department of Environmental Quality (no cash can be accepted). Please reference the facility name (or existing permit or Authorization number) on the check or money order.

Payment Type		Check		Money order	Amount/ Receipt Confirmed by: (DEQ Use Only)	
Amount:	\$	Check or Money Order Number:		Date:		

TIER DETERMINATION INFORMATION

OAC 252:004-7 categorizes different types of Air Quality applications as Tier I, II, or III, depending on their complexity and the amount of public interest under DEQ's "Uniform Permitting" system. The Tier classification affects the amount of public review given the application. Applicants may use the following format as a checklist for determining Tier classification.

OAC 252:4-7-32. Air quality applications - Tier I

No Public Notice Requirement

- _____ (1) Relocation permit for a minor facility.
- _____ (2) Modification of an existing FESOP that is based on the operating conditions of a construction permit that was processed under Tier I and completed the web-based public notice requirement and does not differ from those construction permit conditions in any way considered significant. [FESOP Enhanced NSR]
- _____ (3) Extension of expiration date of a minor facility construction permit.
- _____ (4) Modification of any Part 70 source operating permit condition that is based on the operating conditions of a construction permit that was processed under Tier I (with web-based public notice), Tier II, or Tier III and OAC 252:100-8-8 and does not differ from those construction permit conditions in any way considered significant under OAC 252:100-8-7.2(b)(2). [Enhanced NSR]
- _____ (5) Extension of expiration date of a Part 70 source's construction permit.
- _____ (6) New, modified, and renewed individual authorizations under general permits for which a schedule of compliance is not required by OAC 252:100-8-5(e)(8)(B)(i).
- _____ (7) Burn approvals.
- _____ (8) Administrative amendments of all air quality permits and other authorizations.

Web-based Public Notice Requirement

- _____ (1) New minor NSR construction permit for a minor facility.
- _____ (2) Initial operating permit for a new minor facility.
- _____ (3) Modification of a construction permit for a minor facility.
- _____ (4) Modification of an existing minor operating permit that was issued prior to September 15, 2021, and that will now become a FESOP.
- _____ (5) Modification of a minor operating permit that did not undergo the *FESOP Enhanced NSR Process*. [Traditional NSR]
- _____ (6) Construction permit for an existing Part 70 source for any facility change considered to be a minor modification under OAC 252:100-8-7.2(b)(1).

OAC 252:4-7-33. Air quality applications - Tier II

- _____ (1) A minor facility seeking a permit for a facility modification that when completed would turn it into a Part 70 source.
- _____ (2) Any permit application for a Part 70 source that would result, on issuance, with the facility being covered by a FESOP (PBR, GP, or individual facility operating permit).
- _____ (3) Construction permit for a new Part 70 source not classified under Tier III.
- _____ (4) Construction permit for an existing Part 70 source for any facility change considered significant under OAC 252:100-8-7.2(b)(2) and which is not classified under Tier III.
- _____ (5) Initial operating permit for a Part 70 source.
- _____ (6) Acid rain permit that is independent of a Part 70 permit application.
- _____ (7) Temporary source permit under OAC 252:100-8-6.2.
- _____ (8) Significant modification, as described in OAC 252:100-8-7.2(b)(2), of a Part 70 operating permit that did not undergo the *Enhanced NSR Process*. [Traditional NSR]
- _____ (9) Modification of a Part 70 operating permit when the conditions proposed for modification differ from the underlying construction permit's operating conditions in any way considered significant under OAC 252:100-8-7.2(b)(2). [Traditional NSR]
- _____ (10) A Part 70 construction permit modification considered significant under OAC 252:100-8-7.2(b)(2) and which is not classified under Tier III.
- _____ (11) Renewals of operating permits for Part 70 sources.
- _____ (12) New, modified, and renewed general permits.
- _____ (13) Individual authorizations under any general permit for which a schedule of compliance is required by OAC 252:100-8-5(e)(8)(B)(i).
- _____ (14) Plant-wide emission plan approval under OAC 252:100-37-25(b) or OAC 252:100-39-46(j).

OAC 252:4-7-34. Air quality applications - Tier III

(a) A construction permit for any new major stationary source listed in this subsection requires a Tier III application. For purposes of this section, "Major stationary source" means:

- _____ (1) Any of the following sources of air pollutants which emits, or has the PTE, 100 TPY or more of any pollutant subject to regulation:
 - _____ (A) carbon black plants (furnace process),
 - _____ (B) charcoal production plants,
 - _____ (C) chemical process plants,
 - _____ (D) coal cleaning plants (with thermal dryers),
 - _____ (E) coke oven batteries,
 - _____ (F) fossil-fuel boilers (or combustion thereof), totaling more than 250 million BTU per hour heat input,
 - _____ (G) fossil fuel-fired steam electric plants of more than 250 million BTU per hour heat input,
 - _____ (H) fuel conversion plants,
 - _____ (I) glass fiber processing plants,
 - _____ (J) hydrofluoric, sulfuric or nitric acid plants,
 - _____ (K) iron and steel mill plants,
 - _____ (L) kraft pulp mills,
 - _____ (M) lime plants,
 - _____ (N) incinerators, except where used exclusively as air pollution control devices,
 - _____ (O) petroleum refineries,
 - _____ (P) petroleum storage and transfer units with a total storage capacity exceeding 300,000 barrels,
 - _____ (Q) phosphate rock processing plant,
 - _____ (R) portland cement plants,
 - _____ (S) primary aluminum ore reduction plants,
 - _____ (T) primary copper smelters,
 - _____ (U) primary lead smelters,
 - _____ (V) primary zinc smelters,
 - _____ (W) secondary metal production plants,
 - _____ (X) sintering plants,
 - _____ (Y) sulfur recovery plants, or
 - _____ (Z) taconite ore processing plants, and
- _____ (2) Any other source not specified in paragraph (1) of this definition which emits, or has the PTE, 250 TPY or more of any pollutant subject to regulation.

(b) Existing incinerators. An application for any change in emissions or potential to emit, or any change in any permit condition, that would have caused an incinerator to be defined as a major stationary source when originally permitted shall require a Tier III application.