

APPLICATION INSTRUCTIONS: ASPHALT PLANT MINOR FACILITY AIR QUALITY GENERAL PERMIT	ASSISTANCE AVAILABLE @ DEQ Customer Assistance: (405) 702-9100 (800) 869-1400 Air Quality Division: (405) 702-4100
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INTRODUCTION

This package contains the State of Oklahoma Air Quality General Permit Application to Construct and/or Operate an Asphalt Plant 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.

ELIGIBILITY

Eligible facilities are those designed and operated for the primary purpose of producing Hot Mix Asphalt and typically include hot mix asphalt dryers, heaters, storage tanks, internal combustion engines and turbines, and nonmetallic mineral/aggregate processing equipment. These facilities may include those emissions units subject to NSPS (40 CFR Part 60) Subpart I (Hot Mix Asphalt Facilities), Subpart Kb (Volatile Organic Liquid Storage Tanks), NSPS GG (Stationary Gas Turbines), and NSPS OOO (Nonmetallic Mineral Processing Plants). Note that the NSPS for Hot Mix Asphalt Plant facilities applies to any Asphalt Plant constructed or modified after June 11, 1973 that is comprised of any combination of the following: dryers; systems for screening, handling, storing, and weighing hot aggregate; systems for loading, transferring, and storing mineral filler, systems for mixing hot mix asphalt; and the loading, transfer, and storage systems associated with emission control systems. The NSPS Subpart Kb eligible tanks are those constructed or modified after July 23, 1984 storing volatile organic liquids with a capacity greater than 40 m³ (10,568 gallons). 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. NSPS Subpart GG turbines are those constructed or modified after October 3, 1977 with a heat input at peak load of greater than or equal to 10 MMBTUH based on the lower heating value of the fuel. NSPS Subpart OOO facilities are those constructed after August 31, 1983 with rated capacities of greater than 25 TPH for fixed/stationary facilities and 150 TPH for portable facilities and include the following affected facilities: crusher, grinding mill, bucket elevator, screening operation, belt conveyor, bagging operation, storage bin, and enclosed truck or railcar loading operation. Excluded from the list of affected facilities are truck dumping and transfer points from belt conveyors to stockpiles. 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 not eligible for this permit include the facilities those are major (Part 70) sources; those requesting an Alternative Emissions Reduction Authorization; or those with emissions units subject to Hazardous Waste Treatment, Storage and Disposal regulations (40 CFR Part 265). Other facilities not eligible include those seeking an Authorization to Construct that are located in an area designated as non-attainment or that cannot meet the specific conditions given in the permit. Facilities located in Tulsa County which store gasoline or other VOCs (with vapor pressure greater than 1.5 psia) in storage tanks with a capacity greater than 2,000 gallons are not also eligible for coverage under this permit. Facilities with emissions units not eligible for an Authorization to Construct 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. 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

Attach a check or money order (no cash accepted) payable to the DEQ Air Quality Division in the amount of \$500 for a *NOI to Construct* (or *Authorization to Construct*), or \$500 for an *Authorization to Operate*. Please reference the facility name (or existing permit or application number) on the check.

APPLICATION CHECKLIST A complete application form 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 # 100-888 (Notice of Intent to Construct)
<input type="checkbox"/>	DEQ Form # 100-815 (AQ Application Classification Fees)
<input type="checkbox"/>	\$500 Fee (check payable to DEQ Air Quality Division)
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 # 100-884 (General Facility Information Form)
<input type="checkbox"/>	DEQ Form # 100-340 (Asphalt Plant 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)
<input type="checkbox"/>	\$500 fee (check payable to DEQ Air Quality Division)

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:						

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)								
	DATA SOURCE	GPS	DEQ Data Viewer	Web Viewer (Specify):							
	Center of Township & Range Section or relevant subsection			Street Address (Conversion Program):							
	Unknown	Other (Specify):									
	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 252:100-3; 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		Printing and/or Packaging Facility		Petroleum Liquid Storage Facility	
	Est. Date of Construction/Modification Start:				Completion:	
	Operational Start-up Date					

3	CONFIDENTIAL INFORMATION INCLUDED		Yes		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

ASPHALT PLANT EQUIPMENT
AIR QUALITY GENERAL PERMIT for a MINOR ASPHALT PLANT FACILITY

Please provide the following information for this Asphalt Plant. Please list all emission units located at the facility in the table below. For each unit, give an unique identifier (e.g. facility numbering system or emissions inventory ID#), a description (e.g., crusher, screen, 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 of any control equipment, whether that equipment is subject to NSPS or NESHAP (Enter “I”, “Kb”, “Other”, or “None”), 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). In addition, list all de minimis activities (OAC 252:100, Appendix H).

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 I or Kb ? (Specify)	Unit Subject of the Permit Action?	
					Type	Efficiency (%Wt)		Yes	No

Please provide a summary of the annualized actual emissions of all regulated pollutants from each emission source (i.e., crusher/grinder, screen, storage tank, and other equipment) at the facility. Emissions from de minimis activities may be quantified separately, or may be identified as “< 5 TPY,” for each activity.

FACILITY-WIDE EMISSIONS SUMMARY	NOx	CO	VOC	SO₂	PM₁₀	HAPs
Total						

ASPHALT PLANT EQUIPMENT

AIR QUALITY GENERAL PERMIT for a MINOR ASPHALT PLANT FACILITY

Provide the following information for each piece of equipment which is subject of the requested permit action. Data submitted for construction permits should be a best estimate. The values may be modified following construction and/or subsequent testing.. Indicate crusher type according to product size, as used in AP-42, (1/95), Section 11.19.2: primary (3 to 12 inches), secondary (1 to 4 inches), or tertiary (3/16th to 1 inch). Likewise, indicate for each screen whether it serves as a fines screen or “other.” Provide the requested information for each transfer point, including truck unloading, if applicable.

Information on Rotary Drum Dryer and Hot Oil Heater							
Plant Design		Drum Mix				Batch Mix	
Plant Type		Stationary				Portable	
Plant Make		CMI	Astec	Other (Specify)			
Model				Plant Manufacture Date:			
Plant Number		Plant Serial Number (if available)					
Plant Capacity:		Hourly Maximum (TPH)			Yearly Maximum (TPY)		
Control Equipment		Filter Baghouse			Wet Scrubber		
		Other (Specify:)					
OPERATING CONDITIONS (usually available from the manufacturer or stack tests on similar equipment)							
Annual hours of operation		Default 8760 hours (365 days at 24 hours/day)				Other (Specify):	
Rotary Drum Dryer		Hot Oil Heater					
Fuel Type		Fuel Type					
Fuel usage (scfh)		Fuel usage (scfh)					
Fuel Sulfur Content (% by weight)		Fuel Sulfur Content (% by weight)					
Burner Size (MMBtu/hr)		Burner Size (MMBtu/hr)					
Stack Diameter (ft)		Stack Diameter (ft)					
Stack Flow (acfm)		Stack Flow (acfm)					
EMISSIONS		NO _x	CO	VOC			
g/hp-hr							
lb/hr							
TPY							
EMISSIONS DATA SOURCE		Manufacturer's Data		AP-42 (1/95), Table No:			
		Stack Test		Other (Specify):			

Information on Crushing and Screening Operations									
Emission ID #	Description	Manuf. Date	NSPS Subject?	Process Rate (TPH)	Throughput (TPY)	Emissions Factor (lb/ton)	Efficiency (%/100)	PM	
								lb/hr	TPY
EMISSIONS DATA SOURCE		AP-42 (Jan. '95)		Other (Specify):					

Information on Fugitive Emissions			
Haul Road Information			
Length of Haul Road, round trip (mile)		Particle Size Multiplier, k (lb/VMT)	Default = 2.6 (for PM ₁₀)
Unloaded Truck Weight (tons)		Silt Content of Road Materials, s (%)	
Loaded Truck Weight (tons)		Mean Vehicle Weight, W (tons)	
Number of Round Trips per Year		Surface Material Moisture Content, M (%)	
Hours of Operations per Year, H (hrs/yr)		Empirical Constants (for PM ₁₀)	a=0.8, b=0.4, c=0.3
Vehicle Mile Travel (VMT) per Year, L		Emission Factor, EF (lb/VMT) = $\frac{k (s/12)^a (W/3)^b}{(M/0.2)^c}$	
Control Options: Wet Suppression/Chemical Additives		Control Efficiency Allowed (%): 25%/50%/75%	
Total Haul Road Emission, TPY = (EF)*L/2000			
Batch/Continuous Drop Operations (to Stockpiles) Information		Storage Piles Information	
Process Weight Rate, R (TPH)			
Particle Size Multiplier, k (dimensionless)		Area of Each Storage Pile (acres)	Default = 0.35 (for PM ₁₀)
Mean Wind Speed, U (miles/hr)		Number of Stockpiles	
Surface Material Moisture Content, M (%)		Total Storage Pile Area, P (acres)	
Emission Factor, EF (lb/ton) = $k (0.0032) (U/5)^{1.3} / (M/2)^{1.4}$		Number of Active Days/Year, A = Number of Inactive Days/Year, I =	
Total Batch/Continuous Operations Emission (TPY) = EF*R*H/2000		Total Stockpiles Emission (TPY) = (6.3*P*A + 1.7*P*I)/2000	

STORAGE TANKS

Please provide the following information if organic liquid storage tanks (e.g., fuel, solvents) are operated at the facility. Data submitted for construction permits should be a best estimate. The values may be modified following construction and/or subsequent testing. Applicants must fill out a complete table for each such tank located at the facility.

STORAGE TANKS		Tank ID #			Construction Date
Type of Liquid:	<input type="checkbox"/>	Gasoline	<input type="checkbox"/>	Diesel	Other (Specify):
Tank Capacity (gallons)					Vapor Pressure (psia)
Tank Height (ft)					Tank Diameter (ft)
Maximum Throughput (gallons/year)					Tank Color
Controls	<input type="checkbox"/>	Submerged Fill Pipe	<input type="checkbox"/>	Vapor Recovery System	Other (Specify)

ENGINES/TURBINES

Data submitted for construction permits should be a best estimate. The values may be modified following the actual construction and/or subsequent testing process. You must fill out a complete table for each engine.

ENGINE DETAILS		Internal Combustion			Turbine					
Engine Number		Engine Serial Number (if available)								
Engine Make	<input type="checkbox"/>	Caterpillar	<input type="checkbox"/>	Waukesha	<input type="checkbox"/>	Cooper	<input type="checkbox"/>	White/Superior	<input type="checkbox"/>	Ingersol-Rand
	<input type="checkbox"/>	Clark	<input type="checkbox"/>	Ajax	<input type="checkbox"/>	Solar	<input type="checkbox"/>	Other (Specify):		
Model										
Current Rated Horsepower					Construction Date					
Type (check all that apply)	<input type="checkbox"/>	Lean-burn	<input type="checkbox"/>	2-stroke	<input type="checkbox"/>	4-stroke	<input type="checkbox"/>	Normally Aspirated	<input type="checkbox"/>	Turbo Charged
Control Equipment		Catalytic Converter			Other (Specify):					
OPERATING CONDITIONS (usually available from the manufacturer or stack tests on similar equipment)										
Annual hours of operation		Default 8760 hours (365 days at 24 hours/day)			Other (Specify):					
Fuel usage (scfh)					RPM					
Stack Diameter (ft)					Stack Height (ft)					
Stack Flow (acfm)					Stack Temperature °F					
EMISSIONS		NOx			CO			VOC		
g/hp-hr										
lb/hr										
TPY										
EMISSIONS DATA SOURCE		Manufacturer's Data			AP-42 (January 1995), Table No.:					
<input type="checkbox"/>		Stack Test			Other (Specify):					

NOTICE OF INTENT TO OPERATE
AIR QUALITY GENERAL PERMIT for a MINOR ASPHALT PLANT FACILITY

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

REQUEST TO OPERATE OR CHANGE OPERATIONS (check one)

<input type="checkbox"/>	I hereby make application for an Authorization to Operate under this 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.				
<input type="checkbox"/>	I hereby provide notification of construction of an additional emissions unit under this 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 this 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 any 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"/>	Engine
<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)

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

- _____ (1) New construction, operating and relocation permit for a minor facility.
- _____ (2) Modification of a construction permit for a minor facility that will remain minor after the modification.
- _____ (3) Modification of an operating permit that will not change the facility's classification from minor to major.
- _____ (4) Extension of expiration date of a minor facility construction permit.
- _____ (5) New construction permit for an existing Part 70 source for any facility change considered minor under OAC 252:100-8-7.2(b)(1).
- _____ (6) New operating permit for a Part 70 source that is based on a construction permit that was processed under Tier II or III, 252:100-8-8 and has conditions which do not differ from the construction permit's operating conditions in any way considered significant under OAC 252:100-8-7.2(b)(2).
- _____ (7) 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 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).
- _____ (8) A construction or operating permit modification that is minor under OAC 252:100-8-7.2(b)(1).
- _____ (9) Extension of expiration date of a Part 70 source's construction permit with no or minor modifications.
- _____ (10) New, modified and renewed individual authorizations under general operating permits for which a schedule of compliance is not required by OAC 252:100-8-5(e)(8)(B)(i).
- _____ (11) Burn approvals.
- _____ (12) Administrative amendments of all air quality permits and other authorizations.

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) New construction permit for a new Part 70 source not classified under Tier III.
- _____ (3) New 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.
- _____ (4) New operating permit for a Part 70 source that did not have an underlying construction permit processed under Tier II or Tier III, and OAC 252:100-8-8.
- _____ (5) New operating permit for a Part 70 source with one or more conditions that differ from the underlying Tier II or Tier III construction permit's operating conditions in a way considered significant under OAC 252:100-8-7.2(b)(2).
- _____ (6) New acid rain permit that is independent of a Part 70 permit application.
- _____ (7) New 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 is not based on an underlying construction permit processed under Tier II or Tier III, and OAC 52:100-8-8.
- _____ (9) Modification of a Part 70 operating permit when the conditions proposed for modification differ from the underlying construction permit's operating conditions in a way considered significant under OAC 252:100-8-7.2(b)(2).
- _____ (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 operating permits.
- _____ (13) Individual authorizations under any general operating permit for which a schedule of compliance is required by OAC 252:100-8-5(c)(8)(B)(i).
- _____ (14) Plant-wide emission plan approval under OAC 252:100-37-25(b) or OAC 252:100-39-46(j).
- _____ (15) Alternative emissions reduction authorizations.

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.

(c) Potential to emit. For purposes of this section, "potential to emit" means emissions resulting from the application of all enforceable permit limitations as defined in OAC 252:100-1-3.