



OKLAHOMA
Environmental
Quality

**APPLICATION FORMS / INSTRUCTIONS
FOR OIL & GAS FACILITIES GENERAL
PERMIT (GP-OGF)
DATED JULY 1, 2022
DEQ FORM # 100-306**

**OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION**

707 N. Robinson Avenue, P.O. Box 1677, Oklahoma City, Oklahoma 73101-1677

www.deq.ok.gov

INTRODUCTION

This package (DEQ Form # 100-306) contains the General Permit (GP) Application Forms to Construct and/or Operate minor Oil and Gas Facilities (OGF) under the GP-OGF, dated July 1, 2022. It replaces the previous GP-OGF application package (# 100-305). An applicant should read the definitions of terms used in this application and permit (page 4) before filling out the forms. An applicant should answer all applicable questions by checking the appropriate box or filling in a response (e.g., NA--not applicable). An original signature from a company representative is required for certifications. If there is any discrepancy between these forms and the GP-OGF, the GP-OGF prevails.

TRANSITION FROM OLD GP-OGF TO NEW GP-OGF, DATED JULY 1, 2022

Existing sources operating under any previous GP-OGF will be required to transition to the new GP-OGF within the 24-month transition period which ends on July 1, 2024. During the 24-month transition period, (1) any facility constructing or operating under any previous GP-OGF and existing Authorization must comply with the standards set forth therein; (2) the Notice of Modification (NOM) for the existing GP-OGF (# 100-305-E) may be used for those facilities wanting to maintain coverage under the existing GP-OGF; (3) using the NOM from the GP-OGF, dated July 1, 2022, (# 100-306-D) automatically subjects the facility to that GP-OGF upon submittal. For facilities that have conditions in their current authorization that conflict with the requirements with the GP-OGF, dated July 1, 2022, those facilities must obtain an individual minor source construction permit and then incorporate those conditions into a subsequently issued Authorization to Operate within the 24-month transition period. All facilities constructing or operating under any previous GP-OGF will become subject to and must comply with the GP-OGF, dated July 1, 2022, within 24 months of its issuance date and all facilities will automatically be authorized as Class II facilities.

ELIGIBILITY

Eligible facilities are those designed and operated for the production, gathering, processing, storage, or transportation of crude oil, natural gas, and natural gas liquids (NGL), including condensate. Typical facilities include oil and gas production sites, compressor stations, gas processing plants, crude oil and refined petroleum pipeline stations, petroleum bulk stations and terminals, and crude oil tank batteries and trucking stations. The permit includes requirements for storage tanks, loading facilities, combustion equipment (engines, turbines, heaters, boilers, and flares), glycol dehydration units, amine treating units, fugitive emission sources, other process sources, MSS, and associated control equipment.

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, DEQ rules, and/or the terms of any existing DEQ permits and orders, are not eligible for this permit.

Some facilities may not be eligible for an Authorization to Construct but may obtain an Authorization to Operate after first obtaining an individual minor source construction permit. Form 100-306-A, Checklist for Eligibility - Authorization to Construct, may be used for making that determination.

PERMIT COVERAGE

Eligible facilities can sequentially obtain an Authorization to Construct and then an Authorization to Operate under the permit; or obtain an individual minor source construction permit and then an Authorization to Operate under the permit; or existing minor facilities may obtain an Authorization to Operate under the permit. Site-specific requirements from a previously issued construction permit or operating permit may be included in an Authorization to Operate. For any conditions contained in an individual construction or operating permit that was issued prior to September 15, 2021, and which will be incorporated into an Authorization to Operate will require the Authorization to Operate to go through public review on DEQ's public website. Eligible facilities that apply for an individual minor source operating permit after receiving an Authorization to Construct must pay the additional fees required for the individual permit application (i.e., operating permit and construction permit). Part I, Section IV of the General Permit lists the various application options and requirements for obtaining an Authorization to Construct and/or an Authorization to Operate.

An applicant proposing to construct a new facility that meets all the eligibility requirements may apply for an Authorization to Construct by submitting a complete Notice of Intent (NOI) to Construct application that includes the appropriate forms and fees for an OGF General Permit. Coverage under this permit is effective, and the permittee may commence construction, upon receipt by the DEQ of the NOI to Construct and fees or confirmation of fees received (a receipt) by the DEQ. The earliest of (1) a legible dated U.S. Postal Service postmark (private metered postmarks are not acceptable); (2) a dated receipt from a commercial carrier or the U.S. Postal Service; (3) a DEQ date stamped application; or (4) a date of receipt of a digital copy of an application is acceptable documentation of receipt of the NOI to Construct. A confirmation letter is issued by the DEQ after confirming that the application is administratively complete, the proper fee has been received, and that the facility is eligible for coverage under this permit. An application for an Authorization to Operate must be submitted within 180 days of operational start-up.

An applicant proposing to obtain coverage under this permit for an existing, previously permitted facility, need only submit an application for an Authorization to Operate if the facility meets all of the eligibility requirements. Under this scenario, facilities that have not obtained authorization under an NOI to Construct, coverage under the GP-OGF is not effective until the issuance of the Authorization to Operate.

EMISSION LIMITATIONS

Emission limitations are established in the GP-OGF as a facility-wide emissions cap. A facility can comply with either the Class I facility-wide cap which limits emissions to less than 80% of major source levels or the Class II facility-wide cap which limits emissions to less than 100% of major source levels. A facility covered by the GP-OGF would specify in the application or the NOM which facility-wide emission cap it will comply with. Both Class I and Class II limits are based on 12-month rolling totals.

Facilities may replace, remove, modify, or add any eligible emission sources as long as the modified facility will not exceed the applicable facility-wide cap on emissions. A Notice of Modification (Form # 100-306-D) is required for certain modifications as listed in the definition of Notice of Modification (e.g., add equipment subject to NSPS, change a facility's classification, or add a federally enforceable limit (FEL)). Any other change only requires that the facility not exceed the facility-wide cap on emissions and keep records of all the changes made to the facility as detailed in the GP-OGF.

In addition to the facility-wide cap limits, the GP-OGF establishes enforceable VOC emission limits of 5.9 TPY for individual storage tanks to avoid applicability of NSPS, Subparts OOOO and OOOOa. A facility can request coverage of this FEL (Form # 100-306-F) to specific storage vessels located at the facility in the application or NOM. FELs are based on 12-month rolling totals.

Short-term (lb/hr) emission limits for NO_x, CO, and VOC are required to be established in an application or NOM for each engine at a facility covered under the GP-OGF unless the engine is an Emergency Use Engine or an engine rated less than or equal to 250-hp. These emission limits along with periodic testing will help ensure compliance with the facility-wide cap and demonstrate on-going compliance with other applicable requirements.

Other limitations from previously issued permits may be incorporated into an Authorization to Operate if the requested limits ensure compliance with all applicable rules and regulations. For any conditions contained in an individual

construction or operating permit that was issued prior to September 15, 2021, and which will be incorporated into an Authorization to Operate will require the Authorization to Operate to go through public review on DEQ’s public website.

DEVELOPMENT OF EMISSION FACTORS

The applicant shall certify the emission factors and calculation methodologies used to demonstrate compliance with the cap that are included in the application or NOM. Any changes in methodology must follow current agency guidance and any other changes must submit a new application or NOM. All supporting documentation must be submitted as part of the application.

For these target HAPs (benzene, toluene, ethylbenzene, xylene, n-hexane, and formaldehyde), provide an emission factor or calculated short-term emission rate for any individual emission unit with target HAP emissions estimated to be greater than 0.01 TPY. This information shall be provided in the forms for each emission unit or include as an attachment.

The following table provides a reference to the emission calculations methodologies for demonstrating compliance with the facility-wide emissions caps and individual tank limits for the GP-OGF. Additionally, this table lists the required forms to be submitted.

EUG	Specific Condition	Description	Required Forms
Emissions Limitations	Part 2.I. A-D	Facility-wide Emissions Cap	None
	Part 2.I .E	Emissions Calculations	None
Storage Tanks	Part 2.II. A	VOC/HAP Emission Calculations	None
	Part 2.II. B	Individual Tank Limits	Form 100-306-F
	Part 2.II. J-K	Recordkeeping	None
VOC Loading Operations	Part 2.III. A-C	VOC/HAP Emission Calculations	None
Combustion Equipment	Part 2.IV. A-C	NO _x , CO, VOC, & H ₂ CO Emission Calculations	Form 100-306-G&H
	Part 2.IV. D-G	Engine Testing and Maintenance Requirements	None
	Part 2.IV H	Engine, Addition, Modification, Reconstruction, or Replacement	Form 100-306-G
Glycol Dehydration Unit Process Vents	Part 2.V. A-B	VOC/HAP Emissions	None
Amine Vents	Part 2.VI. A	VOC/HAP Emission Calculations	None
	Part 2.VI. B	Testing Requirements	None
Fugitive Emission Sources	Part 2.VII. A	VOC Emissions	None
Other Process Equipment	Part 2. VIII. A	VOC/HAP Emissions	None
MSS	Part 2.IX. A	VOC Emissions	None

Additional guidance on calculating emissions is found on the DEQ website at <https://www.deq.ok.gov/air-quality-division/air-permits/permit-guidance/>.

TIER DETERMINATION

DEQ's "Uniform Permitting" system, under OAC 252, Chapter 4, Subchapter 7 categorizes applications as Tier I, Tier II, or Tier III, depending on their complexity and the amount of public interest. Authorizations under a minor facility general permit are processed under Tier I requirements. In accordance with OAC 252:4-7-13(g)(10), AQD does not require public review on the agency's website of Authorizations to Construct and Operate under the GP-OGF. However, public notice is required for a facility transitioning from a Title V permit to an Authorization under this GP-OGF in accordance with OAC 252:4-7-33(a)(2) Tier II requirements. For any conditions contained in an individual construction or operating permit that was issued prior to September 15, 2021, and which will be incorporated into an Authorization to Operate, the Authorization to Operate will be required to go through public review on the agency's website in accordance with OAC 252:4-7-13(g)(9) Tier I requirements.

PERMIT FEES

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

APPLICATION CHECKLIST. A complete application package must include the following:

Form 100-810 (DEQ Landowner Notification Affidavit)
Form 100-306-A (Checklist for Eligibility – Authorization to Construct)
Form 100-815 (Tier Classification of AQ Permit Applications and Application Fees)
Form 100-884 (General Facility Information)
Form 100-306-B or C (NOI to Construct or NOI to Operate)
Form 100-306-D (Notice of Modification)
Form 100-306-E (Equipment Units List)
Any applicable source emissions forms (Forms 100-306-F thru H)
A Simple Facility Plot Plan
A Simple Process Flow Diagram (label emissions units as identified in the application forms)
Appropriate fees (check payable to DEQ Air Quality Division or Electronic Payments)

SUBMIT ONE COMPLETED APPLICATION TO:

Oklahoma Department of Environmental Quality
Air Quality Division
707 N. Robinson, Suite 4100
P.O. Box 1677
Oklahoma City, OK 73101
Or through available website options

ELECTRONIC PAYMENTS:

For Accounts Receivable:
Phone: (405) 702-1130
ARHelpdesk@deq.ok.gov

ASSISTANCE AVAILABLE

AIR QUALITY DIVISION: (405) 702-4100
WEB PAGE ADDRESS: www.deq.ok.gov

DEFINITIONS

The following definitions apply to this memorandum and general permit. All defined terms are written with initial capital letters in the memorandum and permit.

“Certified Engine” means any engine that has been certified by the EPA to meet emissions standards for the purposes of meeting an NSPS or NESHAP.

“Class I” means a facility that has an enforceable limit less than 80% of major source levels for each regulated air pollutant.

“Class II” means a facility that has an enforceable limit of less than 100% of major source levels for each regulated air pollutant and is not a Class I facility.

“Controlled Engine” means an engine, with or without an Air to Fuel Ratio Controller, that uses catalytic or oxidation catalyst control.

“Engine” means any reciprocating internal combustion engine or any gas-fired turbine.

“Emergency Use Engine” means any engine that drives an emergency power generator, peaking power generator, firewater pump, or other emergency use equipment, and operates no more than 500 hours per year.

“Extended Gas Analysis” means an extended analysis (using GPA 2286 or similar approved methods) that provides speciated data for HAP components benzene, toluene, ethylbenzene, xylenes, and n-hexane.

“Maintenance, Startup, and Shutdown (MSS)” refers to maintenance, startup, or shutdown; it does not include periods of malfunction.

“Maintenance” means the planned routine repair and upkeep of equipment.

“Malfunction” means a sudden and unavoidable breakdown of process or control equipment.

“Maximum Rated Horsepower” means an engine’s maximum horsepower at ISO or manufacturer’s standard conditions and maximum RPM, or an engine’s maximum horsepower at engine site conditions and maximum RPM.

“Notice of Modification (NOM)” means a written notice informing AQD of: (1) any modification or change of operations at the facility that would construct a piece of equipment or a process that is subject to NSPS or NESHAP, or that would modify or reconstruct a piece of equipment or a process such that it becomes subject to NSPS or NESHAP, or that would change its facility classification (either from a Class I facility to a Class II facility or a Class II facility to a Class I facility); or (2) any modification to add or replace a storage tank with a capacity of 400 gallons or more storing VOC, a VOC Loading Operation, any combustion equipment, any amine unit, or any dehydration unit; or (3) any modification to change emissions factors relied on in an application or a previous NOM; or (4) any modification to add or remove a federally enforceable limit (FEL) (e.g., 6 TPY limit on storage tanks). Such notice shall contain all information required in the NOM form. Any emissions limits requested in an NOM become an enforceable part of the existing Authorization to Operate. The permittee shall include a copy of any applicable NOM with the Authorization to Operate kept electronically or as a hard copy, either on-site, at a nearby manned facility, or at the nearest field office.

“Shutdown” means, generally, the cessation of operation of a source for any reason.

“Startup” means, generally, the setting in operation of a source for any reason.

“Synthetic Minor Facility” means a facility that has the potential to emit over major source levels of any regulated air pollutant but with controlled actual emissions below major source levels.

“Uncontrolled Engine” means an engine, with or without an Air to Fuel Ratio Controller, that has no catalytic or oxidation catalyst control.

“VOC Loading Operation” means loading liquid VOC into a tank truck or trailer for transportation offsite or unloading of liquid VOC from a tank truck or trailer to a storage tank onsite. A VOC Loading Operation does not have the physical equipment (loading arm and pump) to conduct the type of loading regulated by OAC 252:100-37-16 and 100-39-41 for VOC loading facilities, even though it may or may not use tank trucks or trailers that meet the requirements for delivery vessels in OAC:252-100-39-41(d).

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)
	<input type="checkbox"/> My application does not involve any land.
	<input type="checkbox"/> My application involves only land owned by me (or applicant business).
	<input type="checkbox"/> I have a current lease given to accomplish the permitted purpose.
	<input type="checkbox"/> 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):	
	<input type="checkbox"/> Landowner(s)	<input type="checkbox"/> Lessor or Administrator or Executor of the land
METHOD OF DELIVERY (check one):		
	<input type="checkbox"/> Actual notice, for which I have a signed and dated receipt	
	<input type="checkbox"/> Service by Sheriff or private process server, for which I have an affidavit	
	<input type="checkbox"/> Service by certified mail, restricted delivery, for which I have a signed return receipt	
	<input type="checkbox"/> 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: _____

**CHECKLIST FOR ELIGIBILITY – AUTHORIZATION TO CONSTRUCT
MINOR SOURCE GP-OGF**

No.	Will the facility?	Yes	No
1	Combust gaseous fuel with maximum total sulfur content above 162 ppmvd?		
2	Combust fuel oil with maximum total sulfur content above 0.05 % by weight?*		
3	Not be able to demonstrate a maximum H ₂ S concentration of 6 ppmw for all categories of crude oil stored at the facility?		
4	Use incinerators, regenerative or non-regenerative carbon absorbers, or catalytic systems to control emissions of H ₂ S? (For this permit, flares and heater fireboxes are not considered incinerators or thermal oxidizers.)		
5	Have a VOC loading facility with a throughput greater than 40,000 gallons per day? This does not apply if located at a drilling or production facility.		
6	Have a glycol dehydration unit that processes natural gas with an H ₂ S content greater than 4 ppmv?		
7	Have an amine unit that operates under the following conditions: (1) processes natural gas with an H ₂ S content greater than 4 ppmv; or (2) does not control emissions from the rich amine flash tank and amine regeneration vent?		
8	Have an amine unit that processes more than 0.1276 long ton per day (LTPD) of sulfur?		
9	Have “new fuel-burning equipment,” as that term is defined in OAC 252:100-33, with a rated heat input of 50 MMBtu/hr or greater?		
10	Have selective catalytic reduction (SCR) or selective non-catalytic reduction (SNCR) control system on any engine or other combustion source?		
11	Require a specific limitation(s) not otherwise addressed in order to maintain compliance with the cap?		
12	Be located in an area federally designated as non-attainment?		
13	Be requesting an Alternative Emissions Reduction Authorization per OAC 252:100-11?		
14	Request control efficiencies above the levels allowed in Appendix A of the GP-OGF?		
15	Request unit specific limits not allowed or required under the general permit?		

* The requirement to submit a fuel oil compositional analysis of Part 2, Section I.K. for an Authorization to Operate is satisfied with the submittal of this form and maintaining fuel records.

If the answer to any of the above questions (1-15) is “yes”, then the facility is not eligible to obtain an Authorization to Construct and must apply for an individual minor source construction permit.

**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					

AIR QUALITY DIVISION CLASSIFICATION OF AQ PERMIT APPLICATIONS & APPLICATION FEES		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 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.

No Public Notice Requirement, 45-Day EPA Review Requirement

- _____ (1) Minor modification to a Part 70 source operating permit where the facility obtained a prior construction permit for the modification as required by OAC 252:100-8-4(a)(1)(B)(iv). [Traditional NSR]
- _____ (2) Minor modification under OAC 252:100-8-7.2(b)(1) to a Part 70 source operating permit that did not trigger an NSR permitting action.

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 as required by OAC 252:100-8-4(a)(1)(B)(iv).

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 or a modification of a Part 70 operating permit incorporating a Tier II construction permit that did not undergo the *Enhanced NSR Process*.
- _____ (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).
- _____ (10) A 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.

NOTICE OF INTENT TO CONSTRUCT MINOR SOURCE GP-OGF
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- Complete this form for construction of a proposed (new) facility.
- Coverage under the general permit is effective upon receipt of this form by the AQD along with:
 - the DEQ Landowner Notification Affidavit (Form 100-810);
 - General Facility Information (Form 100-884);
 - Equipment Units List (Form 100-306-E);
 - any applicable source emission forms (Forms 100-306 F thru H); and
 - applicable fee.
- Notification under any applicable NSPS and NESHAP should also be submitted according to the schedules specified in the corresponding federal rules.

1	COMPANY INFORMATION	Name		
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2	FACILITY INFORMATION	Name			
Facility is requesting coverage under the GP-GOF as a:		Class I		Class II	

3	ESTIMATED CONSTRUCTION DATE	Start:		Completion:	
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4	API Number(s), if applicable			
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5	NOTICE OF INTENT CERTIFICATION			
This application, including all attachments, has been submitted as required by OAC 252:100-7. I understand that I am responsible for assuring construction and operation of the above facility in accordance with this application, the terms of the GP-OGF, and OAC 252:100. I certify, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.				
Company Official (signature)				
Company Official (typed)		Date		
Company Official Title		Phone		

**NOTICE OF INTENT TO OPERATE
MINOR SOURCE GP-OGF**

- Complete this form to obtain an Authorization to Operate.
- Submit this form within 180 days of commencement of operation along with:
 - the DEQ Landowner Notification Affidavit (Form 100-810);
 - General Facility Information (Form 100-884);
 - Equipment Units List (Form 100-306-E);
 - any applicable source emission forms (Forms 100-306-F thru H);
 - any applicable RSG forms; and
 - applicable fee.

Company Name					
Facility Name					
Facility is requesting coverage under the GP-GOF as a:		Class I		Class II	
Fees Submitted	\$	Check #		Date	
Current Authorization Number or Permit Number					
Date facility first began operations					
API Number(s), if applicable					
REQUEST TO OPERATE and NOTICE OF CHANGE (check applicable)					
I hereby submit this application for an Authorization to Operate under the GP-OGF.					
I certify that the facility has been constructed in compliance with all applicable rules and regulations and the requirements and conditions of the previously submitted application to construct under the GP-OGF or individual Minor Source Construction Permit.					
I am providing notification of a change in construction from the previously submitted NOI to Construct under the GP-OGF, as indicated in subsequently submitted NOMs or other changes. Describe any requested change from the NOI to Construct application that needs to be incorporated into the Authorization. Attach a summary if needed.					
I am providing notification of an allowed modification to an individual Minor Source Construction Permit. Describe the change and any requested change in permit conditions. Attach a summary if needed.					
I certify that I have submitted a Self-Disclosure to AQD for operation of an un-permitted facility for which a permit is required under OAC 252:100 rules.					
Type of Change:					
Reason for Change:					
Condition Requested to be Incorporated into Authorization:					

NOTICE OF INTENT CERTIFICATION

This application, including all attachments, has been submitted as required by OAC 252:100-7. I understand that I am responsible for assuring construction and operation of the above facility in accordance with this application, the terms of the GP-OGF, and OAC 252:100. I certify, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

Company Official (signature)			
Company Official (typed)		Date	
Company Official Title		Phone	

**EMISSION UNITS - STORAGE TANKS
MINOR SOURCE GP-OGF**

Complete the tables below to specify which tanks are requesting enforceable limits under Part 2 Section II(B).

Tanks Not Subject to Federally Enforceable Limits	
	Emission Unit ID #
The listed tanks have PTE below 6 TPY and do not require a specific federally enforceable limit	

Federally Enforceable Limits	
	Emission Unit ID #
The listed tanks shall comply with Part 2 Section II(B) of the GP-OGF	

Removal of Federally Enforceable Limits	
	Emission Unit ID #
The listed tanks are no longer required to comply with Part 2 Section II(B) of the GP-OGF	

**EMISSION UNITS – ENGINES & TURBINES
MINOR SOURCE GP-OGF**

- Provide applicable information for each engine or turbine.
- For each engine or turbine, a short-term limit (lb/hr) shall be established for NO_x, CO, VOC, and formaldehyde.
- The lb/hr emission rates established shall be used to calculate compliance with the cap in the GP-OGF.
- Provide documentation of the emission factors used to determine lb/hr emissions, unless AP-42 is used.
- Note any inherent limitations on HP, such as limits associated with the equipment coupled to an engine.
- If the facility-wide, uncontrolled, formaldehyde emissions are ≥ 10 TPY, the formaldehyde reduction efficiency must be less than or equal to the CO reduction efficiency. Formaldehyde reduction may not exceed 90%.

ENGINE DESIGN		Engine		Turbine		Date of Startup		
Emission Unit ID#				Serial Number				
Engine / Turbine Make					Model Number			
Fuel Type				Equipped with Air Fuel Ratio Controller (AFRC)?		Yes		No
Type (check all that apply)	Lean-burn		Rich-burn		4-stroke		2-stroke	
Control Equipment	None		NSCR		Oxidation Catalyst		Other: (specify)	
LB/HR CALCULATIONS		Maximum Rated HP				Btu/bhp-hr		
Pollutant	Factor (Units)		lb/hr		Source			
NO _x								
CO								
VOC								
Formaldehyde								
Comments:								

ENGINE DESIGN		Engine		Turbine		Date of Startup		
Emission Unit ID#				Serial Number				
Engine / Turbine Make					Model Number			
Fuel Type				Equipped with Air Fuel Ratio Controller (AFRC)?		Yes		No
Type (check all that apply)	Lean-burn		Rich-burn		4-stroke		2-stroke	
Control Equipment	None		NSCR		Oxidation Catalyst		Other: (specify)	
LB/HR CALCULATIONS		Maximum Rated HP				Btu/bhp-hr		
Pollutant	Factor (Units)		lb/hr		Source			
NO _x								
CO								
VOC								
Formaldehyde								
Comments:								

**FUEL-BURNING EQUIPMENT
MINOR SOURCE GP-OGF**

- Provide applicable information for each fuel-burning unit.
- For each fuel-burning unit, an emission factor shall be established for the listed pollutants.
- The emission factors established shall be used to calculate compliance with the cap in the GP-OGF.
- Provide documentation of the emission factors used, unless AP-42 is used.

Emission Unit ID #	Heat Input (Units)	Fuel Burned

Emission Unit ID(s) #			
POLLUTANT	Emission Factor (Unit)	Emission Factor Source	Comments
NO _x			
CO			
VOC			
SO ₂			
PM			

Emission Unit ID(s) #			
POLLUTANT	Emission Factor (Unit)	Emission Factor Source	Comments
NO _x			
CO			
VOC			
SO ₂			
PM			