

## Model General Permit (MGP) Qualifying Criteria Document

**Source Description:** Natural gas extraction well site production line  
**MGP Number:** GP 12

A summary of the potential emissions expected from this source is as follows:

Equipment size	Model General Permit No.	Restricted Potential to Emit Summary (TPY)				
		PE	SO <sub>2</sub>	NO <sub>x</sub>	CO	VOC
See GP	GP12	3.16	0.072	38.4	82.5	84.6

### Facility-Wide Qualifying Criteria:

Answer the following questions by checking the appropriate box for the choice that describes the equipment/source for which you are applying for a permit. Then review the qualifying criteria described after the list.

- Yes    No      1. Will the source emit more than 1 ton per year of any toxic air contaminant listed in OAC rule 3745-114-01(A), not including any emissions that are subject to MACT?
- Yes    No      2. Is the source subject to other federal emission standards contained in 40 CFR, Parts 60 – 63, not indicated in the permit?
- Yes    No      3. Is the air contaminant source(s) for which this general permit is being sought a part of a new major stationary source or a major modification (see OAC rule 3745-31-01)? If you are unsure, check with the appropriate Ohio EPA District Office or local air agency.
- Yes    No      4. Are HAPs emissions <10 tons/year single Hazardous Air Pollutant (HAPS) and <25 tons/year combined HAPs?
- Yes    No      5. Can the source meet the allowable emissions limits and criteria contained in this model General Permit?

If the answer to questions 1 through 3 is "no" and 5 and 6 are "yes," the source meets the above "Qualifying Criteria."

**Unit Description:** Storage Tanks and Truck Loading Rack

### Qualifying Criteria:

- Yes    No      1. Does the condensate loading rack employ submerged or bottom fill?

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Yes  No 2. Are the condensate storage tanks <19,815 gallons with <2.176 psi content, or <39,894 gallons with <0.508 psi content?

Yes  No 3. Does the owner or operator agree to a limitation of no more than 8,736,000 gallons of condensate per rolling, 12-month period?

If the answers to questions 1 through 3 are "yes" the facility meets the above "Qualifying Criteria."

**Unit Description:** Unpaved roadways and parking areas, with a maximum of **10,000** vehicle miles traveled per year

### Qualifying Criteria:

- Yes  No 1. Does this facility have unpaved roadways and parking areas?
- Yes  No 2. Has the owner or operator identified in their application an uncontrolled silt content of the road material of less than or equal to 10 percent?
- Yes  No 3. Is the owner or operator willing to keep the total vehicles miles traveled (VMT) by all vehicles on the unpaved roads and parking areas at the facility to less than or equal to **10,000 miles**?
- Yes  No 4. Does the owner or operator agree to submit a labeled diagram of unpaved roadways and parking areas at the facility with the application for a general permit?
- Yes  No 5. Are the unpaved roadways and parking areas regulated in any manner under OAC rule 3745-17-12 (in Cuyahoga Co.) or OAC rule 3745-17-13 (in Jefferson Co.)?

If the answer to questions 1 through 4 are "yes" and the answer to question 5 is "no", the facility meets the above "Qualifying Criteria".

**Unit Description:** Natural gas internal combustion engine(s), with a total combined horsepower of 1,555 HP or less, and manufactured on/after 7/1/07

### Qualifying Criteria:

- Yes  No 1. Is the model year engine 2007 or later and can the engine be demonstrated to meet the short term limits in the permit?
- Yes  No 2. Is the combination of natural gas engines together rated at no more than 1,555 horsepower?

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- Yes No 3. Can it be demonstrated that the engine(s) will meet the requirement of the general permit?
- Yes No 4. Will the engine be installed, maintained, and operated according to the manufacturer's specifications, instructions, and/or operating manual?
- Yes No 5. Will the manufacturer's operating manual and/or instructions be maintained on site and be readily available to the operator?
- Yes No 6. Will the engine(s) be installed with stack(s) of at least 30 feet?
- Yes No 7. Will the facility have a minimum fence line of at least 20 feet from the engines?

If the answers to questions 1 through 7 are "yes" the facility meets the above "Qualifying Criteria".

**Unit Description:** Diesel internal combustion engine(s), 250 horsepower or less, and model year 2007 or later

### Qualifying Criteria:

- Yes No 1. Is the model year of each engine 2007 or later?
- Yes No 2. Is the combination of diesel engines together rated at no more than 250 horsepower?
- Yes No 3. Can it be demonstrated that the engine will meet the requirement of the general permit?
- Yes No 4. Will the engine be installed, maintained, and operated according to the manufacturer's specifications, instructions, and/or operating manual?
- Yes No 5. Will the manufacturer's operating manual and/or instructions be maintained on site and be readily available to the operator?
- Yes No 6. Will the engine(s) be installed with stack(s) of at least 30 feet?
- Yes No 7. Will the facility have a minimum fence line of at least 20 feet from the engines?

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If the answers to questions 1 through 7 are "yes" the facility meets the above "Qualifying Criteria".

**Unit Description:** Gas Production, Dehydration and Equipment Leaks

**Qualifying Criteria:**

- Yes  No 1. Are the only emissions points of the gas handling system, from dehydration (if utilized) and/or fugitive equipment leaks?
- Yes  No 2. Will all heaters/boilers on site be gas-fired and meet either the < 10 mmBtu/hr exemption requirements of OAC rule 3745-31-03(A)(1) or all applicable requirements for obtaining a PBR under OAC rule 3745-31-03(A)(4)?

If the answers to questions 1 through 2 are "yes" the facility meets the above "Qualifying Criteria".

**Unit Description:** Excess Gas Combustion Device/Flare

**Qualifying Criteria:**

- Yes  No 1. Will the unit meet 98.0% destruction of VOCs?
- Yes  No 2. Does the device meet the requirements of 40 CFR Part 60.18 and/or Part 63.11?
- Yes  No 3. Will a pilot flame be maintained and monitored at all times?

If the answers to questions 1 through 3 are "yes" the facility meets the above "Qualifying Criteria".

By signing below, the owner or operator's signature shall constitute personal affirmation that the applicant meets the qualifying criteria contained above, and shall subject the signatory to liability under applicable state laws forbidding false or misleading statements.

\_\_\_\_\_  
Authorized Signature (for facility)

\_\_\_\_\_  
Date

\_\_\_\_\_  
Title