

Model General Permit (MGP) Qualifying Criteria Document

Source Description: Compression ignition internal combustion engine 2007 model year, less than 10 liters per cylinder, ≥ 50 HP and < 75 HP

MGP Number: GP 9.3

Note: Qualifying criteria number four below contains a restriction on the amount of diesel fuel that the facility can use. This qualifying criterion was written in order to restrict the emissions from all diesel fuel users at the facility so that certain federal air pollution rules would not apply (New Source Review). It was originally written with quarry operations in mind, but other facilities may also use this general permit if all qualifying criteria are met. Although permittees may not meet all of the qualifying criteria, and, therefore, would not qualify for the general permit, the terms and conditions of the MGP can be used as a starting point for a case-by-case permit. If you desire these terms for your case-by-case permit, then discuss this desire with your local Ohio EPA permit contact.

Qualifying Criteria:

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

- Yes No 1. Is the model year 2007 and was installed on or after 6/12/06?
- Yes No 2. Is the rated power greater than or equal to 50 horsepower (37 kilowatts) and less than 75 horsepower (56 kilowatts)?
- Yes No 3. Is the engine certified to the Tier 3 emission standards found in Tables 1 of 40 CFR 89.112, according to the rated power, and to the smoke emission standards in 40 CFR 89.113?
- Yes No 4. Will the annual usage of diesel fuel burned at the facility not exceed **700,000** gallons per rolling 12-months, or **500,000** gallons per rolling 12-months where any facility engine is not certified to limits that meet the Tier 3 (or Tier 2 if >750 HP) standards in 40 CFR 89.112, for all of the facility's engines; and will records be maintained for the total facility diesel fuel usage and for the amount of diesel fuel burned in each group of engines subject to the same emissions standards?
- Yes No 5. Will records be maintained for all diesel fuel received that is to be burned in the engine, including the amount received with each delivery, the sulfur content, centane index, and the heating value, all documented by the supplier?

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- Yes No 6. Will only diesel fuel meeting the requirements of 40 CFR 80.510(b) be burned in this engine, i.e., fuel oil will not exceed 15 ppm per gallon or 0.0015% by weight, except where approved to burn existing inventories?
- Yes No 7. Will the manufacturer's instructions, specification, and/or operating procedures be maintained on site?
- Yes No 8. Will the engine be maintained as suggested by the manufacturer and per the manufacturer's specifications, instructions, and/or operating manual?
- Yes No 9. Will the certification of the engine to limits that meet the Table 1 standards from 89.112 and smoke emission standards from 40 CFR 89.113 be maintained on site or at a central location and made available upon request?
- Yes No 10. Will a log of the location of each engine, identified by serial number, size, and emission unit number, and the certification be maintained on site or at a central location; and will these records be made available to EPA inspectors upon request?
- Yes No 11. Is the combined NO_x emissions from all of the diesel engines located at the facility less than 50.7 pounds/hour and is the facility owner willing to keep all diesel engines located at least 100 feet from the nearest property line?; or, Is the combined NO_x emissions from all of the diesel engines located at the facility less than 53.7 pounds/hour and is the facility owner willing to keep all diesel engines located at least 150 feet from the nearest property line? See the Qualifying Criteria calculations.
- Yes No 12. Does the owner or operator agree that the emissions units covered by this general permit can remain in compliance with all terms and conditions of the general permit, including the applicable requirements from Part 60, Subpart IIII?
- Yes No 13. 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.

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If the answers to questions 1 through 12 is “yes” and the answer to questions 13 is “no”, the facility meets the above “Qualifying Criteria”. Otherwise, the facility is not eligible for a general permit and will, instead, need a standard, or traditional, permit. 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