

Model General Permit (MGP) Qualifying Criteria Document

Source Description: 20-24.9 mmBtu/hr maximum heat input natural gas and No. 2 oil fired that is constructed, modified or reconstructed on or prior to June 9, 1989

MGP Number: GP1.5

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

Size of Boiler Max. Heat Input (mmBtu/hr)	Model General Permit No.	Restricted Potential to Emit Summary (TPY)				
		PE	SO ₂	NO _x	CO	OC
20-24.9	GP1.5	1.15	24.87	12.89	8.98	1.18

Qualifying Criteria:

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

- Yes No 1. Does the boiler combust only virgin fuel oil No. 2 and/or natural gas?

- Yes No 2. Does the boiler have a maximum design heat input capacity within the following range: greater than or equal to 20 mmBtu/hr, but less than or equal to 24.9 mmBtu/hr?

- Yes No 3. Was the boiler constructed, reconstructed, or modified on or prior to June 9, 1989?

- Yes No 4. Is the boiler subject to a fuel consumption limit or other multiple source-specific requirements established in a non general permit permit-to-install or permit-to-operate issued by the Ohio EPA?

- Yes No 5. Is the boiler subject to other federal emission standards contained in 40 CFR, Parts 60 - 63?

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- Yes No 6. If the project associated with this air pollution source consists of multiple sources, does the sum of the restricted potential to emit (see the above table) for the sources equal or exceed any of the following thresholds?
- | | |
|-----------------------------|--------------|
| Carbon Monoxide | 100 ton/year |
| Nitrogen Oxides | 25 ton/year |
| Sulfur Dioxide | 25 ton/year |
| Total Suspended Particulate | 25 ton/year |
| PM | 15 ton/year |
- Yes No 7. Is the boiler portable?
- Yes No 8. Does the boiler combust non-commercial fuels including used crankcase oil, any other used oil, landfill or refinery gas, facility by-products and any type of waste materials, when used exclusively or have been added to any of the allowable commercial fuels?
- Yes No 9. Does the owner or operator agree to a limitation of no more than 700,000 gallons of No.2 fuel oil per rolling, 12-month period?
- Yes No 10. Can the boiler meet the allowable emissions limits and criteria contained in this model General Permit?
- Yes No 11. Was the unit installed prior to January 1, 1974?

If the answer to questions 1 through 3, 9 and 10 is yes and 4 through 8 and 11 is no, the boiler 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