



United States Environmental Protection Agency General Permit for New or Modified Minor Sources of Air Pollution in Indian Country

<http://www.epa.gov/air/tribal/tribalnsr.html>

Questionnaire for Requesting Coverage under the General Air Quality Permit for New or Modified Minor Source Graphic Arts and Printing Operations in Indian Country

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Version 1.0

Does the General Permit apply to my facility?

This questionnaire is intended to help you, the facility owner or operator, determine whether or not you are eligible for the General Air Quality Permit for New or Modified Minor Source Graphic Arts and Printing Operations. You are not required to complete it and this questionnaire is not necessary to apply for the General Air Quality Permit for New or Modified Minor Source Graphic Arts and Printing Operations. This questionnaire does not cover all of the General Air Quality Permit requirements and does not guarantee approval of a minor source preconstruction permit under this program. This General Air Quality Permit is available to true minor and synthetic minor sources of regulated New Source Review (NSR) pollutants. This General Air Quality Permit is available to true minor and synthetic minor sources of regulated NSR pollutants.

Description of Graphic Arts and Printing Operations

A graphic arts and printing operation is any facility which uses offset lithographic, sheet-fed, letterpress, rotogravure, and flexographic methods to apply ink and other coatings to paper, cardboard, metal, and other surfaces by means of a printing press.

About this Questionnaire

The questions focus on general information pertaining to your existing or future graphic arts and/or printing facility. The questionnaire is not meant to be exhaustive and only requires knowledge of basic facility information, including process rates, raw material volatile organic compound (VOC) content, raw material throughput, and fuel usage.

You should continue with this Questionnaire if you meet all of the following criteria:

- You plan to construct a new true or synthetic minor source graphic arts and printing operation OR plan to modify an existing minor source graphic arts and printing operation;
- You are not planning to construct or modify a major source graphic arts and printing operation;
- Your new or modified minor source graphic arts and printing operation is located within Indian country;
- You do not know whether your facility needs a permit, or if you do not know the attainment status of your area and you want to find out whether or not you should apply for the General Permit for a graphic arts and printing operation; and
- You intend to satisfy the processes that the EPA has made available in the application documents for this General Permit to address threatened and endangered species and historic properties under the Endangered Species Act and the National Historic Preservation Act, respectively.

More Information

The definition of a "modification" and "potential to emit" (PTE) can be found at 40 CFR 49.152(d) and in the "Instructions" document. Additional information on the applicability of the Federal Indian Country Minor NSR rule can be found at 40 CFR 49.153.

Information on the air quality attainment status of the area where your facility is located can be found at:

<http://www.epa.gov/airquality/greenbook/>. You may also contact your reviewing authority for information on your attainment status.

Information on any available voluntary consensus standards that can be used as alternatives to the emissions measurement standards in the General Air Quality Permit for New or Modified Minor Source Graphic Arts and Printing Operations can be found in: "Voluntary Consensus Standard Results for General Permits and Permits by Rule for the Indian Country Minor New Source Review Program; 40 CFR Part 49, Subparts 156(c) and 162," memorandum from Robin Segall, Acting Group Leader, Measurement Technology Group, to Laura McKelvey, Community and Tribal Programs Group, February 7, 2014, <http://www.epa.gov/air/tribal/tribalnsr.html>.

Sources eligible for the General Air Quality Permit for New or Modified Minor Source Graphic Arts and Printing Operations may also be subject to federal standards under 40 CFR 60 Subpart QQ: Standards of Performance for the Graphic Arts Industry: Publication Rotogravure Printing and 40 CFR 60 Subpart FFF: Standards of Performance for Flexible Vinyl and Urethane Coating and Printing. The conditions applicable to sources seeking coverage under this General Permit are intended to be generally consistent with the requirements in 40 CFR 60, Subpart QQ and Subpart FFF. However, compliance with the applicable requirements in these provisions is required independent of the conditions in the General Permit, and not all requirements applicable under Subparts QQ and FFF are necessarily included in the General Permit. The Background Document for the General Permit identifies the specific requirements in the federal standards that are intended to be included in the General Permit.

Please contact your reviewing authority if you have questions or need assistance. A list of reviewing authorities, their areas of coverage, and contact information can be found in Attachment E to the General Air Quality Permit for New or Modified Minor Source Graphic Arts and Printing Operations or by visiting: <http://www.epa.gov/air/tribal/tribalnsr.html>.

Questionnaire for Graphic Arts and Printing Operations

Part 1: Does my Graphic Arts and Printing Operation Need or Qualify for a Minor Source Permit?

The following questions are meant to determine whether or not your graphic arts and printing operation needs or qualifies for this General Permit.

1. Will your new source or modification of an existing source be a major source under the CAA for purposes of hazardous air pollutants (HAPs)? Will your new source or modification of an existing source emit or have the PTE, in the aggregate, 10 tons per year (tpy) or more of any HAP or 25 tpy or more of any combination of HAPs? Be sure to include any stationary source or group of sources (new or existing) under common control.

Yes No

If you answered 'Yes,' your source does not qualify for this General Permit and is considered a major source for HAP purposes. Please contact your reviewing authority to apply for a site-specific permit. If you answered 'No,' continue to the next question.

2. Will the PTE of your facility be less than 250 tons per year (tpy) for particulate matter (PM, PM₁₀, or PM_{2.5}), VOC, nitrogen oxides (NO_x), carbon monoxide (CO), and sulfur dioxide (SO₂), each individually? The emissions from your facility may be calculated using the PTE calculator provided at <http://www.epa.gov/air/tribal/tribalnsr.html>. Be sure to include all existing, new, and modified emission units at your facility.

Yes No

If you answered **'No,'** your source does not qualify for the General Permit. Please contact your reviewing authority to apply for a site-specific permit. If you answered **'Yes,'** continue on to the next question. A synthetic minor source that agrees to the enforceable conditions in the General Permit and is below the threshold above should answer **'Yes.'**

3. Will the PTE of your new facility or the increase in potential emissions from your modified existing facility be equal to or above the applicable minor NSR thresholds listed below for ANY of the pollutants listed in the table below? The potential emissions from your facility may be calculated using the PTE calculator provided at <http://www.epa.gov/air/tribal/tribalnsr.html>. Be sure to include all new and modified emission units at your facility.

Pollutant	Attainment Area	Nonattainment Area
CO	10 tpy	5 tpy
PM	10 tpy	5 tpy
PM ₁₀	5 tpy	1 tpy
PM _{2.5}	3 tpy	0.6 tpy
SO ₂	10 tpy	5 tpy
NO _x	10 tpy	5 tpy
VOC	5 tpy	2 tpy

Yes No

If you answered **'No,'** your source is exempt from the minor NSR program. Please contact your reviewing authority to confirm that your facility will not need a permit. If you answered **'Yes,'** continue on to the next question.

4. If located in a nonattainment area for any pollutant, will the PTE of your facility for the particular nonattainment pollutant be less than the NSR major source thresholds specified in the table below (based on nonattainment classification)? The emissions from your facility may be calculated using the PTE calculator provided at <http://www.epa.gov/air/tribal/tribalnsr.html>. Be sure to include all existing, new, and modified emission units at your facility.

Pollutant	Nonattainment Classification	NSR Major Source Threshold
Ozone	Marginal	100 tpy of VOC or NO _x
	Moderate	100 tpy of VOC or NO _x
	Serious	50 tpy of VOC or NO _x
	Severe	25 tpy of VOC or NO _x
	Extreme	10 tpy of VOC or NO _x
PM ₁₀	Moderate	100 tpy
	Serious	70 tpy
CO	Moderate	100 tpy
	Serious	50 tpy
SO ₂ , NO ₂ , PM _{2.5}	No nonattainment classification	100 tpy

Yes No Not Applicable

If you answered **'No,'** your source does not qualify for the General Permit. Please contact your reviewing authority to apply for a site-specific permit. If you answered **'Yes,'** continue on to Part 2 of this Questionnaire. A synthetic minor source that agrees to the enforceable conditions in the General Permit and is below the thresholds above should answer **'Yes.'**

Part 2: What Types of Facilities DO NOT Qualify for Coverage under this General Air Quality Permit for New or Modified Minor Source Graphic Arts and Printing Operations?

The following questions are meant to determine whether or not your graphic arts and printing operation would be disqualified from coverage under the General Air Quality Permit for New or Modified Minor Source Graphic Arts and Printing Operations. Please only answer the questions that are applicable to your particular graphic arts and printing operation.

1. Is your facility a textile fabric printing operation?

Yes No

2. Will the VOC emissions from any individual printing press (printing line) at your facility exceed 25 tons per year?

Yes No

If you answered ‘No’ or ‘Not Applicable’ to all of these questions, your facility may qualify for coverage under the General Air Quality Permit for New or Modified Minor Source Graphic Arts and Printing Operations, and should continue on to Part 3 of the Questionnaire.

If you answered ‘Yes’ to any of these questions, your facility likely does not qualify for coverage under the General Air Quality Permit for New or Modified Minor Source Graphic Arts and Printing Operations. Please contact your reviewing authority to confirm that your facility will not qualify for this permit.

Part 3: Does my Graphic Arts and Printing Operation Qualify for Coverage under the General Air Quality Permit for New or Modified Minor Source Graphic Arts and Printing Operations?

The following questions are meant to determine whether or not your graphic arts and printing operation would qualify for coverage under the General Air Quality Permit for New or Modified Minor Source Graphic Arts and Printing Operations.

1. After completion, will your new or modified source have emergency generator engines with a combined maximum engine power less than 1,000 hp, if in an attainment area; or 500 hp, if in an ozone nonattainment area classified as serious or lower; or will have no emergency generator engines in a severe or extreme ozone nonattainment area? (All emergency engines must be emergency generator engines used solely for supplying electrical power during power outages.)

Yes No

2. After completion, will your new or modified source have combustion equipment (including ovens, dryers and oxidizers, but excluding engines) not exceeding 10 million British thermal units/hour?

Yes No

3. If located in an attainment, unclassifiable, or attainment/unclassifiable area for ozone, after the proposed construction or modification project, will your facility’s VOC emissions from the combination of all graphic arts and printing operations exceed 75 tons in any continuous rolling 12-month period?

Yes No Not Applicable

4. If located in a marginal or moderate ozone nonattainment area, after the proposed construction or modification project, will your facility’s VOC emissions from the combination of all graphic arts and printing operations exceed 50 tons in any continuous rolling 12-month period?

Yes No Not Applicable

5. If located in a serious ozone nonattainment area, after the proposed construction or modification project, will your facility’s VOC emissions from the combination of all graphic arts and printing operations exceed 25 tons in any continuous rolling 12-month period?

Yes No Not Applicable

6. If located in a severe ozone nonattainment area, after the proposed construction or modification project, will your facility's VOC emissions from the combination of all graphic arts and printing operations exceed 15 tons in any continuous rolling 12-month period?

Yes No Not Applicable

7. If located in an extreme ozone nonattainment area, after the proposed construction or modification project, will your facility's VOC emissions from the combination of all graphic arts and printing operations exceed 7 tons in any continuous rolling 12-month period?

Yes No Not Applicable

8. Do you intend to satisfy the procedures for threatened or endangered species and historic properties according to the processes provided by the EPA for this General Permit?

Yes No

Conclusion

If you answered **'Yes'** or **'Not Applicable'** to each of the questions in Part 3, you may qualify for coverage under the General Air Quality Permit for New or Modified Minor Source Graphic Arts and Printing Operations. If you believe based upon your answers in this questionnaire that your new or modified graphic arts and printing operation qualifies for the General Air Quality Permit for New or Modified Minor Source Graphic Arts and Printing Operations, please contact your reviewing authority to obtain a permit application.

If you answered **'No'** to any of these questions, your facility may not qualify for coverage under the General Air Quality Permit for New or Modified Minor Source Graphic Arts and Printing Operations. Please contact your reviewing authority to confirm that your facility will not qualify for this General Permit.