



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 True Minor Source Sawmill Facilities 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 you are eligible for a General Air Quality Permit for New or Modified True Minor Source Sawmill Facilities. (You are not required to complete it and this questionnaire is not necessary to apply for a General Air Quality Permit for New or Modified True Minor Source Sawmill Facilities. This questionnaire does not cover all of the General Air Quality Permit requirements and does not guarantee approval of a true minor source preconstruction permit under this program.)

Description of Sawmill Facilities

A sawmill facility is an operation that processes raw timber into dimensional lumber for shipping and eventual sale. A sawmill's basic operation is much like those of hundreds of years ago; a log enters on one end and dimensional lumber exits on the other end. Sawmill activities include sawing, planing, sanding, chipping and drying wood. Sawmill operations can include the drying of wood in kilns.

About this Questionnaire

The questions focus on general information pertaining to your existing or future sawmill facility. The questionnaire is not meant to be exhaustive and only requires knowledge of basic facility information, including process rates, raw material throughput, and fuel usage.

You should continue with this Questionnaire if you:

- Plan to construct a new, true minor source sawmill facility within Indian country;
- Plan to modify an existing, true minor source sawmill facility located within Indian country;
- Have a potential to emit (PTE) less than the New Source Review (NSR) major source thresholds and equal to or above the minor NSR applicability thresholds. See the "Does my Sawmill Facility Need or Qualify for a Minor Source Permit?" section below;
- Have a total boiler maximum heat input capacity of less than 30 million British thermal units (MMBtu)/hour (hr) for all boilers, if located in an ozone attainment, unclassifiable, attainment/unclassifiable area or marginal, moderate, or serious ozone nonattainment area ;
- Have a total boiler maximum heat input capacity of less than 10 MMBtu/hr for all boilers, if located in a severe or extreme ozone nonattainment area ;
- Have only natural gas-fired boilers, if located in a severe or extreme ozone nonattainment area;
- Are located in a marginal/moderate/serious/severe/extreme ozone nonattainment area and, after the proposed construction or modification project, your facility's volatile organic compound (VOC) emissions from kiln drying and surface coating operations are projected to be less than 80/40/20/8 tons over a consecutive 12 month period, respectively;
- Are located in an ozone attainment, unclassifiable, or attainment/unclassifiable area and, after the proposed construction or modification project, your facility's VOC emissions from kiln drying and surface coating operations are projected to be less than 80 tons over a consecutive 12 month period;
- Have a facility in which the combined maximum engine power of all emergency engines is less than 600 horsepower (hp);
- Have a new or modified true minor source sawmill facility that will not be a major source of hazardous air pollutants (HAP);

- Have a new or modified true minor source sawmill facility that does not chemically treat or process wood (other than the removal of water from the wood in kilns and minor surface coating operations);
- Do not know whether your facility needs a permit, or do not know the attainment status of your area and want to find out whether or not you should apply for a minor source general air quality permit or a major source permit for a sawmill facility; and
- Intend to satisfy the requirements of the Endangered Species Act (ESA) and National Historic Preservation Act (NHPA) according to the procedures attached to the Request for Coverage under the General Air Quality Permit for New or Modified True Minor Source Sawmill Facilities.

More Information

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

Information on the ozone 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 True Minor Source Sawmill Facilities 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,” 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>.

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

Questionnaire for Sawmill Facilities

Part 1: Does my Sawmill Facility Need a True Minor Source Permit?

The following questions are meant to determine whether or not your sawmill facility needs a true minor source permit.

1. Is your facility a minor source of HAP? If the PTE of your facility is less than 10 tons per year (tpy) for a single HAP and less than 25 tpy for any combination of HAPs, your source is a minor source of HAPs. 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.

Yes No

If you answered ‘**No**,’ your source does not qualify for the minor NSR program. Please contact your reviewing authority to apply for a site-specific permit. If you answered ‘**Yes**,’ continue on to the next question.

2. Is the PTE of your facility less than 250 tpy for particulate matter (PM, PM₁₀, or PM_{2.5}), VOC, nitrogen oxides (NO_x), carbon monoxide (CO), and sulfur dioxide (SO₂)? Be sure to include all existing, new, and modified emission units.

Yes No

If you answered **'No,'** your source does not qualify for the minor NSR program. Please contact your reviewing authority to apply for a site-specific permit. If you answered **'Yes,'** continue on to the next question.

3. Is the PTE of your new facility or the emissions increase from your modified existing facility equal to or above the applicable minor NSR thresholds listed below for ANY of the seven pollutants listed in the table below? 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 new, modified, or existing emission units when determining PTE.

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, is the PTE of your facility for the particular nonattainment pollutant less than the NSR major source thresholds specified in the table below (based on nonattainment classification)? Be sure to include all existing, new, and modified emission units.

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

Pollutant	Nonattainment Classification	NSR Major Source Threshold
	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 minor NSR program. Please contact your reviewing authority to apply for a site-specific permit. If you answered ‘**Yes**,’ continue on to Part 2 of the Questionnaire.

Part 2: Does my Facility Qualify for Coverage under the General Air Quality Permit for New or Modified True Minor Source Sawmill Facilities?

The following questions are meant to determine whether or not your sawmill facility would qualify for coverage under the General Air Quality Permit for New or Modified True Minor Source Sawmill Facilities.

1. Is your facility located in a marginal/moderate/serious/severe/extreme ozone nonattainment area and, after the proposed construction or modification project, are your facility’s annual VOC emissions from kiln drying and surface coating operations (as calculated) projected to be less than 80/80/40/20/8 tons over a consecutive 12 month period, respectively?

Yes No Not Applicable

2. Is your facility located in an ozone attainment, unclassifiable, or attainment/unclassifiable area and, after the proposed construction or modification project, your facility’s annual VOC emissions from kiln drying and surface coating operations (as calculated) projected to be less than 80 tons over a consecutive 12 month period?

Yes No Not Applicable

3. After the proposed construction or modification project, will your facility process less than 25,000,000 board-feet of lumber per year?

Yes No

4. After the proposed construction or modification project will emissions of HAPs be below the major source thresholds for HAPs (25 tpy for combined HAPs and 10 tpy for a single HAP)?

Yes No

5. Will your facility only treat or process wood through drying wood in a kiln? (That is, your facility does not chemically treat or process wood for wood preservation or the production of composite wood products.)

Yes No

6. If located in an ozone attainment, unclassifiable, attainment/unclassifiable area or marginal, moderate, or serious ozone nonattainment area, is the total maximum heat input capacity of all the combustion units less than 30 MMBtu/hour?

Yes No Not Applicable

7. If located in a severe or extreme ozone nonattainment area, is the total maximum heat input capacity of all the combustion units less than 10 MMBtu/hr?

Yes No Not Applicable

8. If located in a severe or extreme ozone nonattainment area are all boilers natural gas-fired boilers?

Yes No Not Applicable

9. Is the combined maximum engine power of all emergency engines at your facility less than 600 hp?

Yes No Not Applicable

10. Will your planar mill operation be conducted within an enclosed structure?

Yes No Not Applicable

11. Will all planar mill operations venting to the atmosphere be controlled by a baghouse (fabric filters)?

Yes No Not Applicable

12. Will all outdoor sawmill operations be covered and all drop points controlled by a cyclone or baghouse?

Yes No Not Applicable

13. Will all indoor sawmill operations venting to the atmosphere be controlled by a baghouse (fabric filters)?

Yes No Not Applicable

14. Will the facility be located not less than 150 feet from the nearest property boundary and not less than 1,000 feet from the nearest residence?

Yes No

15. Do you intend to satisfy the ESA and NHPA requirements according to the procedures attached to the Request for Coverage under the General Air Quality Permit for New or Modified True Minor Source Sawmill Facilities?

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 True Minor Source Sawmill Facilities. If you believe, based upon your answers in this questionnaire, that your new or modified rock crushing and screening facility qualifies for a General Air Quality Permit for New or Modified True Minor Source Sawmill Facilities, 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 True Minor Source Sawmill Facilities. Please contact your reviewing authority to confirm that your facility will not qualify for a permit.