

Why is an air quality permit required?

Any business or industry (source) in Idaho that emits, or has the potential to emit, pollutants into the air is required to have an air pollution control permit. (Certain exemptions may apply.) Permits are required by the federal Clean Air Act and set the conditions under which facilities that generate air pollution may operate.

The purpose of permits is to ensure compliance with all state and federal air pollution control rules, which are designed to protect public health and the environment.

The Idaho Department of Environmental Quality (DEQ) is the state agency delegated by the federal government to issue air quality permits in Idaho. DEQ's Air Quality Division issues several different types of permits based on the emissions from the facility and/or emitting source.

Permits require sources to comply with all health- and technology-based standards established by the U.S. Environmental Protection Agency (EPA) and state Rules for Control of Air Pollution in Idaho. If an applicant demonstrates compliance with all applicable federal and state air pollution laws and regulations, DEQ is required by law to issue an air permit.

Compliance Assistance

Idaho Department of Environmental Quality Regional Offices

Boise

1445 N. Orchard
Boise, ID 83706
(208) 373-0550
toll-free: (888) 800-3480

Coeur d'Alene

2110 Ironwood Parkway
Coeur d'Alene, ID 83814
(208) 769-1422
toll-free: (877) 370-0017

Idaho Falls

900 N. Skyline, Suite B
Idaho Falls, ID 83402
(208) 528-2650
toll-free: (800) 232-4635

Lewiston

1118 F Street
Lewiston, ID 83501
(208) 799-4370
toll-free: (877) 541-3304

Pocatello

444 Hospital Way #300
Pocatello, ID 83201
(208) 236-6160
toll-free: (888) 655-6160

Twin Falls

1363 Fillmore Street
Twin Falls, ID 83301
(208) 736-2190
toll-free: (800) 270-1663

On the Web

General Permit to Construct for Automotive Coating Operations

<http://www.deq.idaho.gov/AutomotiveCoating>

Environmental Assistance for Auto Body Shops

http://www.deq.idaho.gov/multimedia_assistance/auto_body_shops/overview.cfm

Application Forms for Automotive Coating Operations General Permit to Construct

http://www.deq.idaho.gov/air/permits_forms/forms/forms.cfm#coating



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State Air Quality Permit Guidelines for

Automotive Coating Operations

in Idaho



Idaho Department of
Environmental Quality

Air Quality
Permitting Hotline:
1-877-5PERMIT

What type of automotive coating operations are required* to have an air quality permit?

Under Sections 201-228 of the Rules for the Control of Air Pollution in Idaho, facilities that apply paint to vehicles as a commercial business in Idaho are subject to air permitting requirements in the state of Idaho.

Depending on the volume of coating materials used per day, facilities are required to do one of the following:

- obtain a General Permit to Construct for Automotive Coating Operations, or
- obtain a Permit to Construct specific to the facility, or
- demonstrate that they qualify for an exemption.

What types of air quality permits are issued to automotive coating operations?

Two types of air quality permits are available based on the volume of coating materials used per day.

General Permit to Construct

Facilities that use *a maximum of 4.0 gallons or less* of coating materials, including but not limited to pre-treatment wash primer, primer, topcoat, clear coat, reducer, and hardener, per calendar day are eligible to apply for a General Permit to Construct for Automotive Coating Operations.

Facility-Specific Permit to Construct

Facilities that use *more than 4.0 gallons* of coating materials per calendar day are not eligible to obtain a General Permit and are required to obtain a Permit to Construct specific to the facility.

The General Permit to Construct is issued through a streamlined process that requires a lower processing fee.



What does the General Permit to Construct require?

- **Spray Booth and Prep Station:** All painting, including application of primer, must be conducted inside the booth(s) or preparation station(s) with filter system in place, exhaust fan(s) operating, and door(s) or curtain(s) closed.
 - For complete vehicles, the booth must be fully enclosed with a full roof and four complete walls or complete side curtains, and must be ventilated at negative pressure so that air is drawn into any openings in the booth walls or side curtains.
 - For coating miscellaneous parts and products or vehicle subassemblies, the preparation station must have a full roof, at least three complete walls or complete side curtains, and must be ventilated so that air is drawn into the preparation station
- **Spray Gun:** All painting must be conducted with a HVLP spray gun, or equivalent technology, with a minimum 65% transfer efficiency as documented by the spray gun manufacturer.
- **Filter System:** The permittee is required to install, maintain, and operate according to the manufacturer's specifications and recommendations a spray booth filter system or a preparation station filter system with a minimum control efficiency of 98% for PM₁₀ emissions as documented by the filter manufacturer.
- **Recordkeeping:** The permittee is required to maintain material purchase records and material data safety sheets as well as daily coating materials usage records.

What does the General Permit to Construct cost?

A one-time application fee of \$1,000 and a one-time processing fee of \$500, for a total of \$1,500, must be paid upon submittal of the application. Payment may be made by check, credit card/e-check, or bank wire transfer.

* Can I get an exemption?

Certain facilities may be exempt from air permitting requirements. The following criteria must be met:

- The maximum capacity for applying all coating materials, without the effect of any physical or operational limitations, for the operation must be 1.25 gallons per day or less (based upon a 24-hour day).
- HVLP (high volume-low pressure) paint guns must be used for all application of coatings at the facility.
- No coating materials containing silicon dioxide (CAS 60676-86-0) or kaolin (CAS 1332-58-7) can ever be used at the facility.
- The maximum heat input for a natural gas or LPG-fired paint booth heater cannot exceed 3.30 MMBtu/hr.

Note: Even if your facility is exempt from the state permitting requirement, it may still be subject to the federal requirements of Subpart HHHHHH, commonly called the Autobody Rule.

How do I apply for a permit?

Visit DEQ's Web site to access permit application and exemption forms, as well as a General Permit template and emissions inventory spreadsheet to assist in calculating emissions.

[www.deq.idaho.gov/
AutomotiveCoating](http://www.deq.idaho.gov/AutomotiveCoating)

For permit and exemption information, call DEQ's toll-free Air Permitting Hotline at **1-877-5PERMIT** (1-877-573-7648). For assistance in complying with permit requirements, contact your nearest DEQ regional office (see reverse).