

Regulatory Update plus General Permit Updates

May 8, 2024



ACTION OVERVIEW

State of the Art
Manuals

Emission Fee
Adjustment

Rule Website
Access

SOTA MANUALS UPDATE

DAE Workshop | May 2024

Completed



- Municipal Solid Waste Landfills - New
 - Final Version SOTA Manual Notice of Availability (NOA) Published in Jun 2023 NJ Register (NJR)
 - Posted on the [BOSS SOTA Manuals webpage](#)
- Combustion Turbines - Updated
 - Final Version SOTA Manual NOA Published in Nov 2023 NJR
 - Posted on the [BOSS SOTA Manuals webpage](#)

Completed

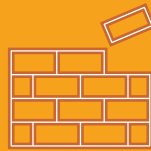


- Internal Combustion Engines – Updated
 - Final Version SOTA Manuals NOA Published in Feb 2024 NJR
 - Posted on the [BOSS SOTA Manuals webpage](#)
- Boilers and Process Heaters - Updated
 - Final Version SOTA Manuals NOA Published in Apr 2024 NJR
 - Posted on the [BOSS SOTA Manuals webpage](#)

SOTA MANUALS UPDATE

DAE Workshop | May 2024

In Progress



- Graphic Arts - Updating
 - Completed DEP workgroup and External Stakeholder reviews
 - Draft SOTA Manual for public comment expected May 20, 2024
- Surface Coating - Updating
 - Completed DEP workgroup and External Stakeholder reviews
 - Draft SOTA Manual for public comment expected May 20, 2024

Public Notices and SOTA Manuals



Relevant links

- <https://dep.nj.gov/boss/state-of-the-art/>
- <https://dep.nj.gov/boss/public-notices/>
- <https://dep.nj.gov/boss/listserv/>

EMISSION FEE ADJUSTMENT

The screenshot shows the official website of the New Jersey Department of Environmental Protection, Bureau of Stationary Sources. The page features a navigation menu with options like Home, Air Permit Information, General Information, Program Information, Related Programs, Reports, and Contact Us. A 'Program Updates' button is visible on the left. The main content area displays a notice dated 10/16/2023 regarding the adjustment of major facility annual emission fees and the reconstruction threshold amount for Fiscal Year 2024.

10/16/2023 Major Facility Annual Emission Fees and Reconstruction Threshold Amount for FY 2024:
The Department has published a [notice of changes](#) to the major facility annual emission fees and the reconstruction threshold amount for Fiscal Year 2024 in the October 16, 2023 New Jersey Register. Invoices will be mailed to major facilities based on emissions reported in the Emission Statement submitted for calendar year 2022 and the affected facilities must submit the emission fees to the Department by January 31, 2024.

New Fee \$148.03/Ton of Pollutant

HOW TO ACCESS AIR RULES

The screenshot shows the website for the Bureau of Stationary Sources at <https://dep.nj.gov/boss/>. The main navigation bar includes: Home, Air Permit Information, General Information (with a dropdown menu), Program Information, Related Programs, Reports, and Contact Us. The dropdown menu for General Information contains: Air Regulations, Get Involved, and Program Updates. Below the navigation bar is a banner image of an industrial facility at night. A note states: "NOTE: The below documents are the unofficial versions of the Department's Air Quality rules, proposals, adoptions, and SIPs. You can get access to the official version of the rules, proposals and adoptions published by LexisNexis on its free website as follows: [How to obtain an official copy of NJDEP's rules.](#)" The main content area features four sections: 1. "Rules Currently in Effect" (N.J.A.C. Title 7, Chapters 27 through 27F) with a building icon. 2. "Rule Proposals Open for Public Comment" with a speech bubble icon and text: "Rule proposals that were published or submitted for publication in the New Jersey Register and are still open for public comment on the NJDEP Proposals Page." 3. "Rule Proposals Closed for Public Comment" with a document icon and text: "Rule proposals for which the comment period has closed or that the Department has either adopted or allowed to expire since 2002." 4. "Rule Adoptions" (Amendments to rules adopted since 1997) with a gavel icon. 5. "Revisions to the State Implementation Plan" (New Jersey's State Implementation Plan (SIP) for air quality is the state's plan for how it will attain or maintain compliance with the National Ambient Air Quality Standards (NAAQS)) with an open book icon.

OVERVIEW

GPs recently adopted

GPs Under Construction

Future Revisions

**GENERAL PERMITS
RECENTLY
IMPLEMENTED**



GP-020A (R&D)

RESEARCH AND DEVELOPMENT OPERATION

- Equipment that is used in a surface coating operation including, but not limited to, spray or dip painting, roller coating, and electrostatic depositing, in which the quantity of coating or cleaning material used in any one hour is equal to or greater than one half gallon of liquid. and/or
- Equipment in which the combined weight of all raw materials used exceeds 50 pounds in any one hour(excluding air, water, containers, provided that the container is not consumed as part of the operation of the equipment; and paper, metal, or plastic that the twisting, bending, or folding, does not cause visible emissions or air pollutions.)

GP-020A

**RESEARCH AND
DEVELOPMENT
OPERATION**

**Available since
October 16, 2023**

GP-021A FUMIGATION

A permit is required when an operation has the potential to emit 0.1 lb/hour of a fumigant. The previous applicability threshold of 50 pound per hour of raw materials no longer applies to fumigation operations.



This GP Fumigation will be allowed under the following conditions:

Only for Cocoa Beans commodity

Sulfur Fluoride fumigant

Indoor operations (not trailers)

Commodity must be covered by a tarp and building must be closed.

GP-021A

**FOR INDOOR FUMIGATION OPERATIONS OF
COCOA BEAN PRODUCTS**

**Available since
November 6, 2023**

**GENERAL PERMITS
UNDER
CONSTRUCTION**



GP-021B
OUTDOOR FUMIGATION OPERATIONS OF
CONTAINERIZED COMMODITIES

This GP Fumigation will be allowed under the following conditions:

Containers under a Tarp	Fumigants: Sulfur Fluoride, Phosphine, Methyl Bromide	Process constrained and usage limits	Passed Risk
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GP-021B - PROCESS CONSTRAINED AND USAGE LIMITS

Scenario	Stack Height (ft)	Stack Diameter (in)	Minimum flow (ACFM)
#1	Greater than or equal to 18 ft	18	3,500
#2	Greater than or equal to 18 ft	22	9,200

FUMIGANT	POUNDS PER HOUR	POUNDS PER DAY	POUNDS PER YEAR (TONS/UEAR)
Methyl Bromide	14		1,600 (0.80)
Phosphine		16.32	80 (0.04)
Sulfuryl Fluoride		984	9,000 (4.5)

GP-021B

OUTDOOR FUMIGATION OPERATIONS OF CONTAINERIZED COMMODITIES

Permit text and compliance plan has been drafted and shared with stakeholders.

Registration has been drafted and shared with Stakeholders.

IT staff started with the online registration design

Public Noticed April 15, 2024

GP-017A FOR
SMALL BOILERS

AND

GP-018A FOR
MEDIUM BOILERS

Revised registrations allowing the applicant to add information of the burner and boiler plate.

Minor edits for clarification

Some requirements were revised to be in accordance with rule language

Note: Evaluating calculations. If there is new HAPs thresholds, GP will be revised.

GP-008A – SITE REMEDIATION

- GP-008A – Site Remediation
 - This GP will allow other type of site remediations beside Gas stations.

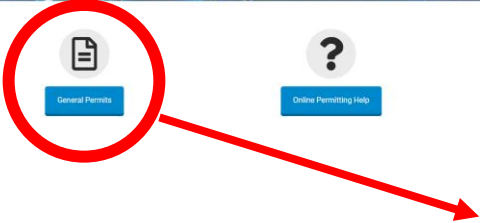
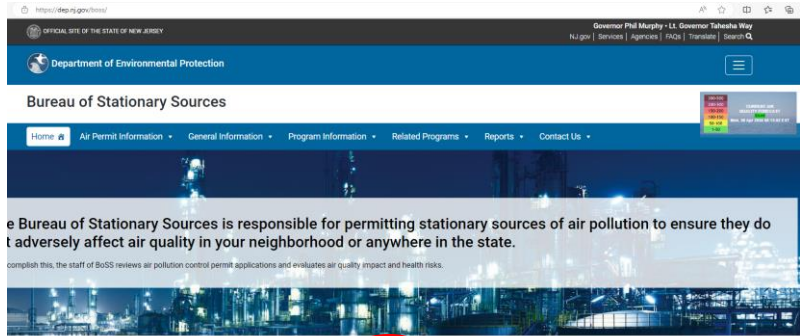
Possible Changes:

- Allowing remediation of subsurface contamination by:
 - Gasoline
 - Diesel fuel and No. 2 fuel oil
 - Petroleum hydrocarbons
 - Hazardous Air Pollutants (HAPs)

NEW GPS OR
FUTURE
REVISION

GP-007 for Stationary Non-Floating
Roof Storage Tank(s) Storing Volatile
Organic Compounds (VOCs)

GP/GOP ACCESS ON LINE



General Permits and General Operating Permits

A **General Permit** is a pre-approved permit and certificate which applies to a specific class of significant sources. By issuing a General Permit, the Department indicates that it approves the activities authorized by the General Permit, provided that the owner or operator of the source, registers with the Department and meets the requirements of the General Permit. If a source belongs to a class of sources which qualify for a General Permit and the owner or operator of the source registers for the General Permit, the registration satisfies the requirements of NJAC 7:27-8.3 for a permit and certificate. **Fee: \$885**

A **General Operating Permit** is a pre-approved permit to construct and operate for major facilities (subject to Title V of the Federal Clean Air Act), issued pursuant to N.J.A.C. 7:27-22.14, for one or more types of similar sources at a facility. A major facility operator with a qualifying source may register for and operate under the conditions of the general operating permit, rather than submit a modification to the facility's operating permit. **Fee: \$885**

Please choose the type of General Permit you wish to apply for:

General Permits (For Minor Source Facilities Only) General Operating Permits (For Title V Major Source Facilities Only)

HELPLINES



GENERAL PERMITS
(609) 633-2829



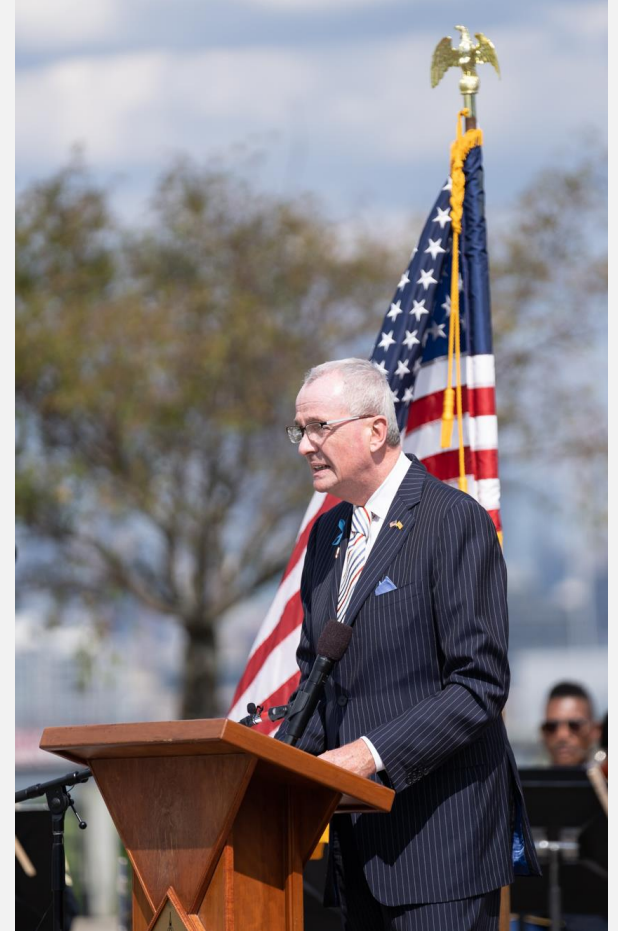
OPERATING PERMITS
(609) 633-8248



PRE-CONSTRUCTION PERMITS
(609) 292-6716



RADIUS
(609) 292-6722



Thank you!





QUESTIONS