

ISG Meeting

GP and GOP Updates

October 4, 2024



OVERVIEW

New GPs Under
Construction

Existing GPs
under revision

NEW 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

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/YEAR)
Methyl Bromide	14 lbs (3.5 lh/hr aerated for a minimum of 4 hours)		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

Status

- Notice of Availability was signed by the Director
- GP is live in Production
- The General Permit was filed on October 3rd and will be published in the NJ Register on November 4th.

EXISTING GENERAL PERMITS UNDER REVISION




GP-017B FOR
SMALL BOILERS

AND

GP-018B 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

GP-017B AND GOP-007A FOR SMALL BOILERS (LESS THAN 5
MMBTU/HR);
AND
GP-018B AND GOP-008A FOR MEDIUM BOILERS (LESS THAN 10
MMBTU/HR)

- Working on Draft Permit text and compliance plans
- Have to confirm the PTE revision – HAPs above RT and PM-2.5
 - Depending the Risk, the fuel limits and maximum total gross heat input in option #1 will be revised; and fuel consumption for the other options.
 - Adding a comparison table including the burner and boiler plate information. Only the Max gross heat input of the burner will be considered for the PTE.

GP-007A FOR STORAGE TANKS

Permit Text

- Reviewing NSPS Subpart OOOO (Standards of Performance for Crude Oil and Natural Gas Facilities)

Compliance Plan requirements:

- State Rule - Including sub I 6.4 transfer operations requirements in the compliance plan
- NSPS Subpart Kb & proposed Kc
- 60.112b(b)(3)—All storage tanks with a maximum capacity greater than or equal to 20,000 gallons must be equipped with a closed vent system routed to a control device
- 60.113b(c)(1)—Operating plan demonstration that the closed vent system and control device will achieve the required control efficiency (95/98% depending on Kb or Kc)
- 60.113b(c)(2)—Operated & monitored according to manufacturers' specifications (recordkeeping requirement in 60.115b(c)):

Began modeling using EPA TANKS5.0 and Emission Master

GP-008A – SITE REMEDIATION

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

Possible Changes:

- Eliminating engines as control apparatus from this GP
- Allowing remediation of subsurface contamination by:
 - Gasoline
 - Diesel fuel and No. 2 fuel oil
 - Petroleum hydrocarbons
 - Hazardous Air Pollutants (HAPs)
- We will start working with the Permit Text first (Applicability and exclusion)

HELPLINES



GENERAL PERMITS
(609) 633-2829



OPERATING PERMITS
(609) 633-8248



PRE-CONSTRUCTION PERMITS
(609) 292-6716



RADIUS
(609) 292-6722



Thank you!





QUESTIONS