



STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION
17 STATE HOUSE STATION | AUGUSTA, MAINE 04333-0017
DEPARTMENT ORDER

**Portsmouth Naval Shipyard
York County
Kittery, Maine
A-452-77-21-M**

**Departmental
Findings of Fact and Order
Air Emission License
NSR #21**

Findings of Fact

After review of the air emission license amendment application, staff investigation reports, and other documents in the applicant's file in the Bureau of Air Quality, pursuant to 38 Maine Revised Statutes (M.R.S.) § 344 and § 590, the Maine Department of Environmental Protection (the Department) finds the following facts:

I. Registration

A. Introduction

Facility	Portsmouth Naval Shipyard
License Type	06-096 C.M.R. ch. 115, Minor Revision
NAICS Codes	336611 (Ship Building and Repair)
Nature of Business	National Security (Submarine repair for U.S. Navy)
Facility Location	Kittery, ME

This license completes the processing of the application with the submission number 603026 as assigned by the Department (accepted 03/17/2026).

B. NSR License Description

Portsmouth Naval Shipyard (PNSY) has requested a New Source Review (NSR) license amendment to address changes to Specific Condition (1)(F)(6) of NSR License A-452-77-13-A (NSR #13), issued 2/10/2021, regarding operation parameters for the Oxidation Catalyst.

C. Project Description

PNSY requested an adjustment to the language of A-452-77-13-A (2/10/2021) NSR #13. Rather than establishing Oxidation Catalyst operating parameters each time a performance test is conducted, PNSY has proposed to base operating parameter ranges on recommendations from the manufacturer and system designer.

D. Application Classification

All rules, regulations, or statutes referenced in this air emission license refer to the amended version in effect as of the issued date of this license.

The application submitted by PNSY does not violate any applicable federal or state requirements and does not reduce monitoring, reporting, testing, or recordkeeping requirements.

The proposed revision will not change the facility's emission limits or actual emissions. Therefore, the NSR license is determined to be a minor revision under *Minor and Major Source Air Emission License Regulations* 06-096 Code of Maine Rules (C.M.R.) ch. 115. The procedures found in 06-096 C.M.R. ch. 115 can be utilized to process this application since the proposed revision not prohibited by the Part 70 air emission license. An application to incorporate the requirements of this NSR license into the Part 70 air emission license has been submitted to the Department.

II. Best Practical Treatment (BPT)

A. Oxidation Catalyst for Turbine Generator #3 and HRSG #3

PNSY controls emissions of CO and VOC from Turbine Generator #3 and HRSG #3 using an Oxidation Catalyst. The Oxidation Catalyst operating parameters of inlet temperature and pressure drop are used to demonstrate continuous compliance with CO and VOC emission limits.

PNSY requested that NSR #13 be amended with clarifying language to more accurately reflect the method used to establish parameter operating ranges for the Oxidation Catalyst. Instead of establishing operating ranges based solely on performance testing, subsequent performance tests, and reestablishing ranges when new catalysts are installed, PNSY establishes operating ranges based on manufacturer and system designer recommendations. PNSY shall make these recommended operating ranges available to the Department upon request.

The combined exhaust from Turbine Generator #3 and HRSG #3 is subject to 40 C.F.R. Part 60, Subpart KKKK (Subpart KKKK). Subpart KKKK only addresses NO_x and SO₂ emissions and does not include CO or VOC standards. The clarifying language does not contradict any applicable state or federal requirement for the emissions units or the control equipment.

B. Incorporation Into the Part 70 Air Emission License

Pursuant to *Part 70 Air Emission License Regulations*, 06-096 C.M.R. ch. 140, § 1(C)(8), for a modification at the facility that has undergone NSR requirements or been processed through 06-096 C.M.R. ch. 115, the source must apply for an amendment to their Part 70 license within one year of commencing the proposed operations, as provided in 40 C.F.R. Part 70.5. An application to incorporate the requirements of this NSR license amendment into the Part 70 air emission license has been submitted to the Department.

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Order

The Department hereby grants New Source Review Minor Revision A-452-77-21-M pursuant to the licensing requirements of 06-096 C.M.R. ch. 115 and subject to the specific conditions below.

Severability. The invalidity or unenforceability of any provision of this License Amendment or part thereof shall not affect the remainder of the provision or any other provisions. This License Amendment shall be construed and enforced in all respects as if such invalid or unenforceable provision or part thereof had been omitted.

The following shall replace Condition (1)(F)(6) of New Source Review License A-452-77-13-A:

(1) Turbine Generator #3 and HRSG #3

F. Performance Testing

6. PNSY shall establish operating ranges for Oxidation Catalyst inlet temperature and pressure drop based on the Oxidation Catalyst manufacturer and system designer recommendations. PNSY shall make these recommended operating ranges available to the Department upon request.

PNSY shall operate equipment within established operating ranges to ensure effective operation of the Oxidation Catalyst.

[06-096 C.M.R. ch. 115, BACT]

Done and Dated in Augusta, Maine this 27th day of AUGUST, 2026.

Department of Environmental Protection

BY: 

for Melanie Loyzim, Commissioner

Please note attached sheet for guidance on appeal procedures.

Date of initial receipt of application: March 3, 2026

Date of application acceptance: March 17, 2026

This Order prepared by Zac Hicks, Bureau of Air Quality.