



# Puget Sound Clean Air Agency

Notice of Construction No. 12022

## HEREBY ISSUES AN ORDER OF APPROVAL TO CONSTRUCT, INSTALL, OR ESTABLISH

Registration No. 12539  
Date

Modification of NOC 10267 Conditions #5, #12, and #13 to adjust composition of abrasive blast media, particulate control for abrasive blasting, and usage limits for abrasive blast media for the ten (10) temporary dry abrasive blasting operations permitted under NOC 10267.

OWNER

INSTALLATION ADDRESS

**Vigor Shipyards, Inc**  
**John Rosevear, 1801 16th Sve SW**  
**Seattle, WA 98134**

**Vigor Shipyards, Inc**  
**1801 16th Ave SW**  
**Seattle, WA 98134**

### THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Clean Air Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of the Puget Sound Clean Air Agency.
2. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.
3. This condition cancels and supersedes Order of Approval No. 10267 Condition #5 and replaces Order of Approval No. 10267 Condition #5 with the following:  
The exhaust from each abrasive blasting operation shall be controlled by a dust collector with a minimum control efficiency of 99.97% for 0.5 micron sized particulate and larger or meet American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) Standard 52.2. Minimum Efficiency Reporting Value (MERV) 15. Filtration efficiency information or MERV information shall be maintained to demonstrate compliance with the control efficiency requirement.
4. This condition cancels and supersedes Order of Approval No. 10267 Condition #12 and replaces Order of Approval No. 10267 Condition #12 with the following:  
The abrasive material shall meet the following composition limits, as shown in formulation data provided by the manufacturer or supplier, such as the Safety Data Sheet for the material:
  - a. Chromium content must not exceed 0.1% by weight;
  - b. Manganese content must not exceed 11% by weight;
  - c. Nickel content must not exceed 1.7% by weight; and
  - d. Cadmium content must not exceed 0.1% by weight.
  - e. Lead content must not exceed 0.1% by weight.
5. This condition cancels and supersedes Order of Approval No. 10267 Condition #13 and replaces Order of Approval No. 10267 Condition #13 with the following:  
Usage of abrasive blast material shall be limited to the following per 12 consecutive month period:
  - a. 8,000 tpy for total abrasive blast material applied in the ten temporary outdoor abrasive blasting enclosures; and

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- b. 5,700 tpy for abrasive blast material that contains chromium up to 0.1% according to Safety Data Sheets.

The owner or operator shall track and record the amount of abrasive blast material used during the calendar month and over the previous consecutive 12-month period that meets one or both of these criteria. Total usage to demonstrate compliance with this condition must be calculated and recorded within 60 days of the end of the month.

6. Upon issuance, this Order of Approval cancels and supersedes Order of Approval No. 10267 Conditions #5, #12, and #13, dated November 17, 2015. The updated conditions in this Order of Approval also apply to the reference in Order of Approval No. 11416 Condition #3 dated January 2, 2018.

## APPEAL RIGHTS

Pursuant to Puget Sound Clean Air Agency's Regulation I, Section 3.17 and RCW 43.21B.310, this Order may be appealed to the Pollution Control Hearings Board (PCHB). To appeal to the PCHB, a written notice of appeal must be filed with the PCHB and a copy served upon Puget Sound Clean Air Agency within 30 days of the date the applicant receives this Order.

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Maggie Corbin  
Reviewing Engineer

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John Dawson  
Engineering Manager

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