

## Coffee Roaster (5 kg – 12 kg) General Order Application

You must meet all the listed criteria in order to use this Coffee Roaster General Order form; if the proposed roaster, control device, or installation location falls outside of the listed parameters, please use the Coffee Roaster Notice of Construction and Application for Approval (Form CR) to apply for a case-by-case Notice of Construction application review. Roasters less than 5 kg qualify for the small Coffee Roaster Notification (Form 70-157).

### SECTION 1. FACILITY INFORMATION

Business Name			
Equipment Installation Address	City	State	Zip
Zoning Classification of installation address: _____			
Is coffee roasting permitted in this zone? <input type="checkbox"/> Yes <input type="checkbox"/> No			
Name & phone number of person you contacted at City or County:			
Name _____		Phone _____	
Will roasting be conducted inside an <input type="checkbox"/> Existing OR <input type="checkbox"/> Newly approved building?			
Is the business registered with the Agency as an area source (not an AOP source) at this installation address?			
<input type="checkbox"/> Yes. Current Registration No. _____		<input type="checkbox"/> No, not yet registered	<input type="checkbox"/> Unknown
Business Owner Name			
Business Mailing Address	City	State	Zip
Contact Name (for this application)	Phone	Email	

## SECTION 2. ROASTER INFORMATION

### Does roaster design capacity meet General Order criteria?

Yes, the proposed roaster design capacity is greater than 5 kg (11 lb) and less than or equal to 12 kg (26.5 lb)

Make: \_\_\_\_\_ Model: \_\_\_\_\_

Design Capacity \_\_\_\_\_  lb/batch  kg/batch

Exhaust: \_\_\_\_\_ acfm Maximum Heat Input Rating (btu/hr): \_\_\_\_\_

No; Roaster must use Coffee Roaster Notice of Construction and Application for Approval form

### Does roaster fuel meet General Order criteria?

Yes, the proposed roaster uses one of following:  Natural gas  Propane  Electric

No; Roaster must use Coffee Roaster Notice of Construction and Application for Approval form

### Does roaster daily production meet General Order criteria?

Yes, the proposed roaster will not roast more than 950 lb/day green coffee

No; Roaster must use Coffee Roaster Notice of Construction and Application for Approval form

### Does roaster meet temperature monitoring criteria?

Yes, the proposed roaster will be equipped with temperature measurement device with accuracy of  $\pm 10^{\circ}\text{F}$  and which will be annually tested or replaced

No; Roaster must use Coffee Roaster Notice of Construction and Application for Approval form

### Does roaster design meet General Order criteria for chaff control?

Yes, the proposed roaster includes a chaff cyclone

No; Roaster must use Coffee Roaster Notice of Construction and Application for Approval form

### SECTION 3. CONTROL DEVICE INFORMATION

#### Does exhaust control device design meet General Order criteria?

Yes, the proposed design routes exhaust from **both** the roaster and the cooling tray at all times through either:

- Thermal oxidizer with minimum operating temperature of 1250°F and minimum residence time of 0.5 seconds **OR**
- Catalytic oxidizer operating within 600°F-900°F and minimum residence time of 0.5 seconds

Make: \_\_\_\_\_ Model: \_\_\_\_\_ Exhaust: \_\_\_\_\_ acfm

Residence time: \_\_\_\_\_ Operating Temperature Range: \_\_\_\_\_

Maximum Heat Input Rating (btu/hr): \_\_\_\_\_

No, a different configuration/control device is proposed; must use Coffee Roaster Notice of Construction and Application for Approval form

#### Does exhaust control device operation meet General Order criteria?

Yes, the proposed design reaches the minimum oxidizer operating temperature from at least the time that the roast air temperature reaches 270°F and remains at operating temperature until the completion of the cooling process or for additional time needed to achieve no visible emissions.

No; Roaster must use Coffee Roaster Notice of Construction and Application for Approval form

#### Does exhaust control device fuel meet General Order criteria?

Yes, the proposed oxidizer uses one of following:  Natural gas  Propane  Electric

No; Roaster must use Coffee Roaster Notice of Construction and Application for Approval form

#### Does exhaust control device meet temperature monitoring criteria?

Yes, the proposed oxidizer will be equipped with temperature measurement device with accuracy of  $\pm 10^{\circ}\text{F}$  which will be annually tested or replaced

No; Roaster must use Coffee Roaster Notice of Construction and Application for Approval form

### SECTION 4. STACK INFORMATION

#### Does exhaust stack meet General Order Criteria?

Yes, the proposed stack from oxidizer will be vertical and unobstructed as specified below. The exhaust stack will have release height at least 3 feet above building roofline

Stack damper/rain guard (specify design to be used):  None  Hexagonal  Stack within stack

Butterfly  Inverted Cone  Other (specify): \_\_\_\_\_

No; Roaster must use Coffee Roaster Notice of Construction and Application for Approval form

## SECTION 5: CERTIFICATION STATEMENT

I, the undersigned, certify that the information contained in this application and the accompanying forms, plans, specifications, and supplemental data described herein is, to the best of my knowledge, accurate and complete.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Title

## SECTION 6: APPLICATION SUBMITTAL

**\$500 filing fee (nonrefundable) – Review of your application will not begin until the Agency receives the filing fee.**

- PAY BY CHECK – Attached and made payable to **Puget Sound Clean Air Agency**
- PAY BY CREDIT – Accounting technician will contact person identified below for payment information and may leave a voicemail if call goes unanswered.

Name:	Email:	Number:
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**EMAIL application and attachments to:**

[NOC@pscleanair.gov](mailto:NOC@pscleanair.gov)

-OR-

**MAIL application, payment, and attachments to:**

Puget Sound Clean Air Agency  
ATTN: NOC Application Submittal  
1904 3rd Ave, Suite 105  
Seattle, WA 98101

## SECTION 7: APPLICATION AND APPROVAL PROCESS (INFORMATIONAL ONLY)

Within 30 days of receiving the application and filing fee, Agency staff will review the application, determine completeness and eligibility for coverage under the General Order of Approval. If the application is complete and eligible, Agency staff will finalize the approval for your roaster and send a copy to you. You will be responsible for complying with all terms and conditions of the General Order of Approval. If the application is incomplete or the project is not eligible for coverage, Agency staff will notify you in writing of the status of the application and provide you with information on how to complete the application and/or why the project is ineligible. Once an application is approved, the coffee roaster will become part of the Agency's registered source database and will be charged annual registration fees in accordance with PSCAA Regulation I Section 5.07.