

DRAFT

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.

SECTION 1. FACILITY INFORMATION

Business Name

Equipment Installation Address	City	State	Zip
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Zoning Classification of installation address: _____

Is coffee roasting permitted in this zone? Yes No

Name & phone number of person you contacted at City or County: _____

Will roasting be conducted inside an Existing OR Newly approved building?

Is the business registered with the Agency as an area source (not an AOP source) at this installation address?

Yes. Current Registration No. _____ No, not yet registered Unknown

Business Owner Name

Business Mailing Address	City	State	Zip
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Contact Name (for this application)	Phone	Email
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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

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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

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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)

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

Contact Name:

Contact Number:

EMAIL application and attachments
to:
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.