



**PUGET SOUND
Clean Air Agency**

PUGET SOUND CLEAN AIR AGENCY

1904 3rd Ave Ste 105
Seattle WA 98101-3317

(206) 689-4060 Fax: (206) 343-7522 www.pscleanair.gov

NOTICE OF CONSTRUCTION AND APPLICATION FOR APPROVAL

Incomplete applications delay Agency review, so please fill out your application thoroughly

COFFEE ROASTERS

FORM CR

AGENCY USE ONLY: Date _____ Reg No. _____ NOC No. _____

Type of business (check) o new o existing	Status of equipment (check) o new □ altered o existing □ relocation	Applicant Name & Mailing Address Phone No.: Fax No.: Email Address:
Company (or owner) name & mailing address		Installation address (Include city & zip code)

PROCESS EQUIPMENT

Description: _____
Maximum capacity: _____ lbs or kg/batch Check one: ___ Water quench ___ Air quench
No. of units: _____ Make and model: _____
Maximum heat input rating: _____ Btu/hr (or KW) _____ acfm _____ degrees F

CONTROL EQUIPMENT (Afterburner/Oxidizer): Make and model _____

___ Thermal ___ Catalytic ___ Other (specify) _____
Type of fuel: ___ Natural gas ___ Propane ___ Other (specify) _____
Maximum heat input rating: _____ Btu/hr (or KW)

Enclose a narrative describing procedures for proper operation and maintenance of process and control equipment (i.e., cleaning schedule, monitoring temperature profile of thermal oxidizer, periodic calibration of controllers, temperature sensor, etc.).

GAS CHARACTERISTICS OF CONTROL EQUIPMENT

Average residence time (sec)	Operating chamber temperature (°F)	Maximum chamber temperature (°F)	Flow rate (acfm)
Stack height: _____ ft Stack velocity: _____ ft/min Stack diameter: _____ ft Stack gas temperature: _____ degrees F			
Minutes into roast when roaster is up to temperature: _____			
Minutes into roast when afterburner is up to temperature: _____			
Minutes into the roast when beans are dropped to the cooling tray: _____			
Basic equipment cost (estimate)	Control equipment cost (estimate)	Planned start date for construction	Planned start date for operation

Your application will not be processed unless you mail a \$3,000 filing fee payment *along with the application*. Additional fees may apply after the application is reviewed. To pay by credit card, check here ☐ and an accounting technician will contact you.

PRODUCTION

Maximum pounds green coffee per month: _____ Maximum pounds per day: _____
Natural gas/propane usage (10⁶ft³/yr) _____
Minutes per batch: _____ Batches per day: _____ Days/week: _____

EXHAUST STACK CONFIGURATION

Where does the bean cooling take place? _____

How is the bean cooling process vented? _____
☐ Through afterburner ☐ Through separate stack ☐ Vented inside ☐ Other (explain) _____

How far above the ground does the stack exhaust? _____ ft

Building Height _____ ft Building Width _____ ft Building Length _____ ft

Flow Diagram & Plot Plan

Flow diagram instructions:

- (a) Flow diagram may be schematic. All equipment must be shown with any existing equipment clearly indicated.
- (b) Indicate all points in process where gaseous or particulate pollutants are emitted.
- (c) Flow chart may be attached separately if necessary. (Drawings may be submitted instead, if desired.)
- (d) Attach a plot plan showing neighboring land uses.

Certification:

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

Signature

Date

Type or print name

Title

Phone

Prepared by (signature and title)