



BENTON CLEAN AIR AGENCY
 526 S. Clodfelter Rd.
 Kennewick, WA 99336
 Phone: (509) 783-1304 -- FAX: (509) 783-6562
 E-mail: email@bcaa.net Internet: <http://bcaa.net>

**NOTICE OF CONSTRUCTION AND APPLICATION FOR APPROVAL
 FOR INSTALLATION / MODIFICATION OF AN AIR POLLUTION SOURCE**

Baghouse

<i>For Agency Use Only</i>
Fee Recd: _____
NOC #: _____

1. General Information

Owner / Operator: _____ Business Name: _____ Business Address _____	Applicant Name: _____ Applicant Address _____
Contact Person: _____ Phone: _____ Fax: _____ E-mail: _____	Contact Person: _____ Phone: _____ Fax: _____ E-mail: _____

2. Installation Information

Installer Company Name: _____ Installation Address _____	Installer Address _____
Contact Person: _____ Phone: _____ Fax: _____	Contact Person: _____ Phone: _____ Fax: _____ E-mail: _____
Type of business: <input type="checkbox"/> New <input type="checkbox"/> Existing Facility registered with BCAA? <input type="checkbox"/> Yes <input type="checkbox"/> No	Nature of business: _____ Estimated completion date: _____

3. Process Information

Maximum Production Rate: _____	Average Production Rate: _____
Will this unit share a stack with other equipment? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, explain: _____	

3. Baghouse Information

Manufacturer and Model # _____	# Bags _____		
Bag size (ft) L _____ W _____	Cloth area (ft ²) _____	Air/Cloth ratio _____	Efficiency (%) _____
Type of bags (Gore-Tex, Nomex, Nylon, etc.) _____			
Will a manometer or other pressure drop gauge be installed? <input type="checkbox"/> Yes <input type="checkbox"/> No If Yes, attach description (make, model, etc.) _____			
Cleaning Device <input type="checkbox"/> Pulse Jet <input type="checkbox"/> Reverse Pulse <input type="checkbox"/> Reverse Air <input type="checkbox"/> Fan Pulse <input type="checkbox"/> Shaker <input type="checkbox"/> Manual			

4. Exhaust Stack/Vent Data for Baghouse

Flow Rate (scfm): _____	Flow Velocity (fpm) _____	Internal diameter: _____
Stack ground height (ft) _____ diameter (ft) _____	Exit Temp (°F) OPERATING _____ MAX _____	
Will a stack cap or rain guard be installed? <input type="checkbox"/> Yes <input type="checkbox"/> No (if yes, submit a design drawing)		

5. Exhaust Composition

Type of particulate being filtered (ex: sawdust, cement, etc.) _____	Captured material handling (ex: returned to process, discarded) _____
Filtered material Density (lb/ft ³): _____	Grain loading of exhaust (gr/dscf): _____

6. Modeling Information

Distance from stack to nearest property line (ft): _____
Describe any dispersion modeling that has been done for this stack. Attach report or modeling results.

7. Operation Information

Daily Operating Hours from _____ to _____	Days of Operation <input type="checkbox"/> Su <input type="checkbox"/> M <input type="checkbox"/> T <input type="checkbox"/> W <input type="checkbox"/> Th <input type="checkbox"/> F <input type="checkbox"/> Sa	Weeks of Operation (per year)
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8. Other Information

<ul style="list-style-type: none">▪ Plot plan showing the entire facility, buildings within 200 ft of proposed installation/modification, including cross streets, property lines, and location of the proposed unit. (REQUIRED)▪ Flow diagram of the process (REQUIRED)▪ Material Safety Data Sheets (MSDS) for materials used in the process (REQUIRED)▪ Determination of Non-Significance (DNS) issued by _____ on _____ (REQUIRED) If no DNS issued, include an Environmental Checklist (SEPA) and \$100.00 fee▪ Any emissions information, including particulate, NO_x, SO₂, CO, VOCs, lead, or toxics. (IF AVAILABLE)▪ Manufacturer and/or vendor information on process and air pollution control equipment being installed or modified (IF AVAILABLE)

9. Owner, Operator, or Responsible Agent Signature

I hereby certify that the information contained in this application, including any attached supplemental information, is to the best of my knowledge complete and correct.

Signature Date

Printed Name Phone Number

Send this document, any supporting information, and the applicable fee to
Benton Clean Air Agency, 526 South Clodfelter Road, Kennewick, WA 99337