



BENTON CLEAN AIR AGENCY
 526 S. Clodfelter Rd.
 Kennewick, WA 99336
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**NOTICE OF CONSTRUCTION AND APPLICATION FOR APPROVAL
 FOR INSTALLATION / MODIFICATION OF AN AIR POLLUTION SOURCE**

Asphalt Plant

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

1. General Information

| | |
|---|---|
| Corporate name _____ Corporate address _____ | Applicant name _____ Applicant address _____ |
| Contact person _____ Responsible official _____ Phone _____ Fax _____ E-mail _____ | Contact person _____ Phone _____ Fax _____ E-mail _____ |

2. Installation Information

| | |
|---|--|
| Installation address (if different than above) _____ Contact person _____ Phone _____ Fax _____ | Operating hours From _____ to _____ Operating days <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 Operating weeks per year _____ Property line to pad center (distance) _____ Date of last stack test _____ |
|---|--|

3. Production

| Product | Avg Production (ton/yr) | Max Production (ton/yr) | Quarterly Throughput (%) | | | |
|------------------|----------------------------|----------------------------|--------------------------|---------|---------|---------|
| | | | Jan-Mar | Apr-Jun | Jul-Sep | Oct-Dec |
| Hot Mix Asphalt | _____ | _____ | _____ | _____ | _____ | _____ |
| Recycle (_____)% | _____ | _____ | _____ | _____ | _____ | _____ |

4. Combustion Unit Information

Dryer

| | | |
|---|--|---|
| Manufacturer and Model # _____ | | Ser # _____ |
| Fuel(s) used <input type="checkbox"/> Diesel <input type="checkbox"/> Natural Gas <input type="checkbox"/> LPG <input type="checkbox"/> Propane | Fuel rate _____ <input type="checkbox"/> mmBTU/hr <input type="checkbox"/> gal/hr <input type="checkbox"/> mmcf/hr | |
| Fuel Sulfur (%) _____ | Plant type <input type="checkbox"/> Rotary <input type="checkbox"/> Drum | Mix type <input type="checkbox"/> Batch <input type="checkbox"/> Continuous |
| Stack ground height (ft) _____ | Stack diameter (ft) _____ | |
| Air Flow (scfm) OPERATING _____ MAX _____ | Exit Temp (°F) OPERATING _____ MAX _____ | |
| Will a stack cap or rain guard be installed? <input type="checkbox"/> Yes <input type="checkbox"/> No (if Yes, attach a design drawing) | | |
| Will a manometer or other pressure drop gauge be installed? <input type="checkbox"/> Yes <input type="checkbox"/> No (If Yes, attach description of make and model) | | |

Asphalt Heater

| | | | |
|---|-----------------------------------|--|--|
| Manufacturer and Model # _____ | | Ser # _____ | |
| Fuel(s) used <input type="checkbox"/> Diesel <input type="checkbox"/> Natural Gas <input type="checkbox"/> LPG <input type="checkbox"/> Propane | | Fuel rate _____ <input type="checkbox"/> mmBTU/hr <input type="checkbox"/> gal/hr <input type="checkbox"/> mmcf/hr | |
| Fuel Sulfur (%) _____ | Operating hrs from _____ to _____ | Operating days per year _____ | |
| Stack ground height (ft) _____ | | Stack diameter (ft) _____ | |
| Air Flow (scfm) OPERATING _____ MAX _____ | | 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) | | | |
| 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.) | | | |

5. Control Equipment Information (if not listed, attach appropriate supporting documentation for your facility)

Baghouse (if applicable)

| | | | | |
|--|-------------------------------------|-----------------------|----------------------|--|
| 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.) _____ | | | | |
| 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 <input type="checkbox"/> Other | | | | |

Wet Scrubber (if applicable)

| | | |
|---|--|-------------------------|
| Manufacturer and Model # _____ | | Efficiency (%) _____ |
| Chemicals used _____ | | Chemical use rate _____ |
| <ul style="list-style-type: none"> ▪ Provide a diagram of the scrubber, including dimensions of unit and locations of nozzles. ▪ Provide an MSDS for each chemical used in the scrubbing process. | | |

6. Asphalt Oil Storage Tanks (attach additional sheets if necessary)

| | |
|---|---|
| Volume of tank #1 (gallons) _____ | If heated, liquid temperature (°F) _____ |
| Shell color: <input type="checkbox"/> White <input type="checkbox"/> Grey <input type="checkbox"/> Black <input type="checkbox"/> Red <input type="checkbox"/> Aluminum | Breather, vacuum (psig) _____ pressure (psig) _____ |
| Volume of tank #2 (gallons) _____ | If heated, liquid temperature (°F) _____ |
| Shell color: <input type="checkbox"/> White <input type="checkbox"/> Grey <input type="checkbox"/> Black <input type="checkbox"/> Red <input type="checkbox"/> Aluminum | Breather, vacuum (psig) _____ pressure (psig) _____ |
| Volume of tank #3 (gallons): _____ | If heated, liquid temperature (°F) _____ |
| Shell color: <input type="checkbox"/> White <input type="checkbox"/> Grey <input type="checkbox"/> Black <input type="checkbox"/> Red <input type="checkbox"/> Aluminum | Breather, vacuum (psig) _____ pressure (psig) _____ |

7. Aggregate Production Storage/Conveyors and Recycle Asphalt Handling

| | |
|---|--|
| Aggregate is <input type="checkbox"/> produced on-site <input type="checkbox"/> produced off-site (if aggregate is produced on-site, provide pit information below) | |
| Pit Owner _____ | Pit Name _____ |
| Pit Depth (ft) _____ Pit Number _____ | Township _____ N Range _____ E Section _____ |

8. Aggregate Storage/Conveyors and Recycle Asphalt Handling

| | |
|---|---|
| Aggregate storage volume (yd ³) _____ | RAP storage volume (yd ³) _____ |
| Amount of aggregate transferred (tph): _____ | Is dust suppression present? <input type="checkbox"/> Yes <input type="checkbox"/> No |

| Equipment | Manufacturer | Model No. or Screen Size | Number of Units | Max Throughput (tons/hr) | Year Built or last modified |
|--|--------------|--------------------------|---|--------------------------|-----------------------------|
| Primary Crusher | | | | | |
| Sizing Screen | | | | | |
| Number of aggregate and RAP conveyors: _____ | | | Number of conveyor transfer points: _____ | | |
| Amount of RAP transferred (tph): _____ | | | Is dust suppression present? <input type="checkbox"/> Yes <input type="checkbox"/> No | | |

9. Other Information

- Plot plan showing the entire facility, buildings within 200 ft of proposed installation/modification, including cross streets, property lines, and location of the proposed facility. (REQUIRED)
- Flow diagram detailing operations and material flow balance, including fugitive emissions (REQUIRED)
- Configuration showing location of asphalt plants, heaters, screens, power units, conveyors, storage tanks (include capacity and type), loaders (loading and unloading points), storage piles, and haul trucks (REQUIRED)
- Environmental Checklist (SEPA) or DNS (REQUIRED) SEPA Date _____ or DNS Date _____
Agency issuing Environmental Determination _____
- Quantities and Material Safety Data Sheets (MSDSs) for solvents used in excess of 55 gallons per year (REQUIRED)
- If a volatile organic compound (VOC) control system is being installed, include specifications and design drawings.

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