



PERMIT TO OPERATE

This initial permit must be renewed ANNUALLY unless the equipment is moved, or changes ownership.
If the billing for the annual renewal fee (Rule 301(d)) is not received by the expiration date, contact the District.

**Legal Owner
or Operator:**

ALL AMERICAN ASPHALT, ALL AMER AGGREGATES
P O BOX 2229
CORONA, CA 91718

ID 82207

Equipment Location: 10671 JEFFREY RD, IRVINE, CA 92602

Equipment Description :

Air Pollution Control System, consisting of:

1. Carbon Adsorber, ENVENT Corporation, Model EC-2000, with Two Canisters in series (Primary and Secondary), each 3'-9.5" Dia. x 7'-10" H. and each with 2,000 Pounds of Activated Carbon.
2. Exhaust System with a 10-Hp Blower venting Two Electrostatic Precipitators.

Conditions :

1. Operation of this equipment shall be conducted in accordance with all data and specifications submitted with the application under which this permit is issued unless otherwise noted below.
2. This equipment shall be properly maintained and kept in good operating condition at all times.
3. An identification tag(s) or nameplate(s) shall be displayed on the equipment to show the amount of carbon in each carbon bed. The tag(s) or plate(s) shall be adhered to the equipment in a permanent and conspicuous position.
4. This equipment shall be in full use whenever the mixing tank and/or secondary mixing and storage tank are in operation.
5. The operator shall use fresh carbon with an initial Carbon Tetrachloride Activity Number of not less than 60% as measured by ASTM Method D3467, or a Butane Activity Number of not less than 23.5% as measured by ASTM Method D5742.
6. The operator shall measure the Total Organic Compound (TOC) concentration at the inlet and outlet of the primary and secondary canisters using a photoionization detector or any other South Coast AQMD-approved organic vapor analyzer calibrated in parts per million by volume (ppmv) as hexane. If another calibrating agent is used, it shall be correlated to and expressed as hexane. The analyzer shall meet EPA Method 21 requirements. Calibration of the analyzer shall be performed prior to each measuring day. Measurements shall be made at least once every 14 days the crumb rubber/asphalt oil blending system is operated.

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7. The operator shall replace the carbon in the primary canister with either (1) fresh carbon or (2) redirect the total incoming flow from the electrostatic precipitators to the secondary canister and replace the carbon in the primary canister and place it in the secondary position after the control efficiency of the primary canister is less than 90%. The control efficiency shall be determined using the TOC concentrations measured on the same day pursuant to condition no. 6 and the following equation:

$$\text{Control efficiency} = (1 - \text{Outlet Concentration of Primary Canister} / \text{Inlet Concentration of Primary Canister}) * 100$$
8. The operator shall replace the carbon in the secondary canister before the control efficiency of the secondary canister is less than 90%.
9. The operator shall complete total carbon replacement within 7 business days after the control efficiency of the primary canister is less than 90%.
10. Spent carbon removed from the system shall be stored in closed containers prior to disposal or regeneration. If disposed, disposal shall be in accordance with applicable hazardous materials rules and regulations.
11. Records shall be maintained to demonstrate compliance with the Conditions on this permit. Records shall be kept in a format acceptable to the South Coast AQMD, shall be retained at the facility for a minimum of two years, and shall be made available to South Coast AQMD personnel upon request.

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NOTICE

In accordance with Rule 206, this Permit to Operate or copy shall be posted on or within 8 meters of the equipment.

This permit does not authorize the emission of air contaminants in excess of those allowed by Division 26 of the Health and Safety Code of the State of California or the applicable Rules and Regulations of the South Coast Air Quality Management District (SCAQMD). This permit cannot be considered as permission to violate existing laws, ordinances, regulations or statutes of other government agencies.

Executive Officer

A handwritten signature in black ink, appearing to read "Aspell", written over a horizontal line.

BY JASON ASPELL/RH02

8/27/2021

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South Coast Air Quality Management District
21865 Copley Drive, Diamond Bar, CA 91765-4178

