

ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY

Air Quality Division

1110 W. Washington Street • Phoenix, AZ 85007 • Phone: (602) 771-2338

SIGNIFICANT PERMIT REVISION TO AIR QUALITY CONTROL PERMIT

(As required by Title 49, Chapter 3, Article 2, Section 49-426, Arizona Revised Statutes)

This air quality control permit does not relieve applicant of responsibility for meeting all air pollution regulations

1. PERMIT TO BE ISSUED TO (Business license name of organization that is to receive permit) _____

Vulcan Materials Co.

2. NAME (OR NAMES) OF OWNER OR PRINCIPALS DOING BUSINESS AS THE ABOVE ORGANIZATION _____

Rick Vickery

3. MAILING ADDRESS **2526 E. University Dr.** _____

Number Street

Phoenix, AZ 85034

City or Community State Zip Code

4. ORIGINAL EQUIPMENT LOCATION/ADDRESS **5301 South Dysart Road** _____

Number Street

Avondale, Maricopa County, AZ 85323

City or Community State Zip Code

5. FACILITIES OR EQUIPMENT DESCRIPTION **Asphalt Heater** _____

6. THIS PERMIT ISSUED SUBJECT TO THE FOLLOWING **Conditions as described in attached** _____

7. ADEQ SIGNIFICANT REVISION NUMBER **48171** PERMIT CLASS **II** _____

SIGNIFICANT REVISION ISSUED THIS _____ DAY OF _____, 2009

SIGNATURE

Nancy C. Wrona, Director, Air Quality Division

TITLE

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ATTACHMENT "B"
SPECIAL CONDITIONS

Addenda (Significant Revision) to Operating Permit No. 29042

For
Vulcan Materials Co.

This significant revision to permit No. 29042 is for Vulcan Materials Company, for their portable Hot Mix Asphalt Plant (HMAP), currently located in Avondale, Maricopa County, Arizona. Vulcan Materials Company proposes to replace up to 15 percent of their aggregate and oils used in making hot mix asphalt with recycled asphalt product (RAP).

The following conditions are amendments to the requirements set forth in Attachment "B" of Operating Permit No. 29042:

Condition II.A.5 is hereby replaced with the following:

II. FACILITY WIDE LIMITATIONS

A. Operational Limitations

5. When using recycled asphalt in the production of hot mix asphalt, the percentage of recycled asphalt used as a portion of the aggregate shall not exceed 15 percent or the percentage used during the most recent performance test, whichever is less.

[A.A.C. R18-2-306.A.2]

Condition II.B.6 is hereby added as follows:

II. FACILITY WIDE LIMITATIONS

B. Record Keeping Requirements

6. The Permittee shall maintain records of the production rate of hot mix asphalt and the percentage of recycled asphalt in the aggregate when using recycled asphalt as a portion of the aggregate in the production of the hot mix asphalt.

[A.A.C. R18-2-306.A.3.c]

Condition III.C.5.a.iv is hereby added as follows:

III. HOT MIX ASPHALT PLANT

C. Particulate Matter and Opacity

5. Testing Requirements

a. Performance Tests

- iv. Should the Permittee desire to use recycled asphalt as a portion of the aggregate, the Permittee shall conduct particulate matter emissions performance tests using the desired percentage of recycled asphalt and maintain records of the percentage as a portion of the aggregate.

[A.A.C. R18-2-312]