



Jeremiah W. (Jay) Nixon, Governor • Mark N. Templeton, Director

DEPARTMENT OF NATURAL RESOURCES

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FEB 23 2010

CERTIFIED MAIL: 70052570000215831019
 RETURN RECEIPT REQUESTED

Mr. Shannon Lenker
 General Manufacturing Manager
 TAMKO Building Products, Inc
 601 North High Street
 Joplin, MO 64801

RE: New Source Review Temporary Permit Request - Project Number: 2009-10-024
 Installation ID Number: 097-0013 **022010-009**
 Temporary Permit Number:
 Expiration Date: May 01, 2010

Dear Mr. Lenker:

The Missouri Department of Natural Resources' Air Pollution Control Program has completed a review of your request to conduct a research and development trail to evaluate a new topcoat application system at TAMKO Building Products, Inc, located in Joplin, Missouri. The Air Pollution Control Program is hereby granting your request to conduct this temporary operation at this location in accordance with Missouri State Rule 10 CSR 10-6.060(3).

The installation is authorized to use two hundred gallons total or one hundred gallons of each of the two colors of top coat materials as specified in the confidential application. The emissions from this project are defined as follows in Table One: Emission from Top Coat Application.

Pollutant	Regulatory <i>De Minimis</i> Levels (tons/year)	Potential Emissions of the Project (tons/year)
PM ₁₀	15.0	0.079
SO _x	40.0	N/A
NO _x	40.0	N/A
VOC	40.0	0.585
CO	100.0	N/A
HAPs	10.0/25.0	0.093
Glycoy Ether	5**/10.0	0.088
Cobalt Chromite	0.1**/10.0	0.005

**Screen Modeling Action Limits

Mr. Shannon Lenker
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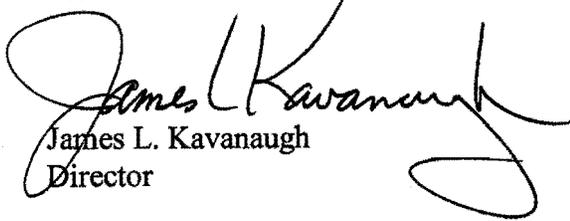
The emissions from two hundred gallons of paint were used to determine the emissions from this project. All VOC and HAP from the material were considered released. No control is assumed in this project, but 80% transfer efficiency was applied to the operation. The cobalt chromite is a HAP that is also classified as a particulate matter. Therefore, the transfer efficiency was applied to cobalt chromite portion of the top coat.

Cobalt chromite is considered a chromium III compound and is also consider a cobalt compound HAP. The cobalt compound has the lower screen modeling value and that value was used in HAP determinations. However, applicability was reviewed for chromium compound. In this project which is a research and development project, as defined by the applicant, Subpart HHHHHH National Emission Standards for Hazardous Air Pollutants: Paint Stripping and Miscellaneous Surface Coating Operations at Area Sources was found to not apply to this project. This subpart regulates chromium coatings and exempts Research and Development Projects, but would apply to for profit production runs.

A copy of this letter should be kept with the unit and be made available to Department of Natural Resources' personnel upon verbal request. If you have any questions regarding this determination, please do not hesitate to contact Tim Hines at the Departments' Air Pollution Control Program, P.O. Box 176, Jefferson City, MO 65102 or by telephone at (573) 751-4817. Thank you for your time and attention to this matter.

Sincerely,

AIR POLLUTION CONTROL PROGRAM


James L. Kavanaugh
Director

JLK:thl

c: PAMS File: 2009-10-024
Southwest Regional Office