

Stubbs, Danny

From: Cory Houchin [houchinc@environmentalsciencesgroup.com]
Sent: Thursday, April 05, 2012 5:41 PM
To: Stubbs, Danny; jrobbins@robbinslumber.com
Subject: Re: Robbins Manufacturing Company Construction Permit Application
Attachments: Robbins-Sawmill Small Kiln VOC Emission.pdf

Hi Danny

Here's the calculation for the VOC. I was using an AP-42 factor for indirect drying of veneer, but I found another factor that NC uses for permitting purposes; it's a lot higher. Have a nice Easter.

Cory A. Houchin
Environmental Sciences Group, Inc.

p 813.930.9074
f 813.935.1167
c 813.833.7658

-----Original Message-----

From: "Stubbs, Danny" [Danny.Stubbs@dep.state.fl.us]
Date: 04/04/2012 07:28 AM
To: "jrobbins@robbinslumber.com" <jrobbins@robbinslumber.com>
Subject: Robbins Manufacturing Company Construction Permit Application

Mr. Robbins;

Our office has received your construction permit application and I am the permit engineer that will be processing it. The project number is 1190011-008-AC. If you have any questions or comments, my contact information is below.

Thank You.

Danny Stubbs
Engineering Specialist III
Air Resource Management
FDEP Southwest District
Ph. 813-632-7600 Ext. 159
fax 813-632-7668

Please Note: This staff assessment is preliminary, and is designed to assist in the review of the information provided prior to final agency action. The comments provided herein are not the final position of the department and may be subject to revision pursuant to additional information and further review. Florida has a very broad public records law. Most written communications to or from officials regarding state business are public records available to the public and media upon request. Your e-mail communications may therefore be subject to public disclosure.

Please take a few minutes to share your comments on the service you received from the department by clicking on this link. DEP Customer Survey.



VOC Emissions - small kiln

$$E_{\text{voc}} = 3.53 \frac{\text{lb}}{1000 \text{ bf}} \quad (\text{Table 8.2, NCASI Technical Bulletin 845})$$

Maximum Charge to kiln = 9800 bf

Maximum number of charges annually = 50

Maximum bf dried in kiln annually = 490,000 bf

$$\therefore E_{\text{voc}} = \left(490,000 \frac{\text{bf}}{\text{yr}} \right) \left(3.53 \frac{\text{lb voc}}{1000 \text{ bf}} \right) = \boxed{1730 \frac{\text{lb voc}}{\text{yr}}}$$

Stubbs, Danny

From: Microsoft Exchange
To: 'jrobbins@robbinslumber.com'
Sent: Wednesday, April 04, 2012 11:16 AM
Subject: Relayed: Robbins Manufacturing Company Construction Permit Application

Delivery to these recipients or distribution lists is complete, but delivery notification was not sent by the destination:

'jrobbins@robbinslumber.com'

Subject: Robbins Manufacturing Company Construction Permit Application

Sent by Microsoft Exchange Server 2007

Stubbs, Danny

From: Microsoft Exchange
To: houchinc@environmentalsciencesgroup.com
Sent: Wednesday, April 04, 2012 9:28 AM
Subject: Relayed: Robbins Manufacturing Company Construction Permit Application

Delivery to these recipients or distribution lists is complete, but delivery notification was not sent by the destination:

houchinc@environmentalsciencesgroup.com

Subject: Robbins Manufacturing Company Construction Permit Application

Sent by Microsoft Exchange Server 2007

Stubbs, Danny

From: Stubbs, Danny
Sent: Wednesday, April 04, 2012 9:28 AM
To: 'jrobbins@robbinslumber.com'
Cc: houchinc@environmentalsciencesgroup.com
Subject: Robbins Manufacturing Company Construction Permit Application

Mr. Robbins,

Our office has received your construction permit application and I am the permit engineer that will be processing it. The project number is 1190011-008-AC. If you have any questions or comments, my contact information is below.

Thank You.

Danny Stubbs
Engineering Specialist III
Air Resource Management
FDEP Southwest District
Ph. 813-632-7600 Ext. 159
fax 813-632-7668

Please Note: This staff assessment is preliminary, and is designed to assist in the review of the information provided prior to final agency action. The comments provided herein are not the final position of the department and may be subject to revision pursuant to additional information and further review. Florida has a very broad public records law. Most written communications to or from officials regarding state business are public records available to the public and media upon request. Your e-mail communications may therefore be subject to public disclosure.