INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
We Protect Hoosiers and Our Environment.

Mitchell E. Daniels Jr.
Governor

Thomas W. Easterly
Commissioner

100 North Senate Avenue
Indianapolis, Indiana 46204
(317) 232-8603
Toll Free (800) 451-6027
www.idem.IN.gov

TO: Interested Parties / Applicant

DATE: January 23, 2009

RE: CertainTeed / 167-27278I-00140

FROM: Matthew Stuckey, Branch Chief
Permits Branch
Office of Air Quality

Notice of Decision: Approval - Effective Immediately

Please be advised that on behalf of the Commissioner of the Department of Environmental Management, I have issued a decision regarding the enclosed matter. Pursuant to IC 13-15-5-3, this permit is effective immediately, unless a petition for stay of effectiveness is filed and granted according to IC 13-15-6-3, and may be revoked or modified in accordance with the provisions of IC 13-15-7-1.

If you wish to challenge this decision, IC 4-21.5-3 and IC 13-15-6-1 require that you file a petition for administrative review. This petition may include a request for stay of effectiveness and must be submitted to the Office of Environmental Adjudication, 100 North Senate Avenue, Government Center North, Suite N 501E, Indianapolis, IN 46204, **within eighteen (18) calendar days of the mailing of this notice**. The filing of a petition for administrative review is complete on the earliest of the following dates that apply to the filing:

(1) the date the document is delivered to the Office of Environmental Adjudication (OEA);
(2) the date of the postmark on the envelope containing the document, if the document is mailed to OEA by U.S. mail; or
(3) The date on which the document is deposited with a private carrier, as shown by receipt issued by the carrier, if the document is sent to the OEA by private carrier.

The petition must include facts demonstrating that you are either the applicant, a person aggrieved or adversely affected by the decision or otherwise entitled to review by law. Please identify the permit, decision, or other order for which you seek review by permit number, name of the applicant, location, date of this notice and all of the following:

(1) the name and address of the person making the request;
(2) the interest of the person making the request;
(3) identification of any persons represented by the person making the request;
(4) the reasons, with particularity, for the request;
(5) the issues, with particularity, proposed for considerations at any hearing; and
(6) identification of the terms and conditions which, in the judgment of the person making the request, would be appropriate in the case in question to satisfy the requirements of the law governing documents of the type issued by the Commissioner.

If you have technical questions regarding the enclosed documents, please contact the Office of Air Quality, Permits Branch at (317) 233-0178. Callers from within Indiana may call toll-free at 1-800-451-6027, ext. 3-0178.

Enclosures
FNPER.dot12/03/07

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Ms. Lauri Raley
CertainTeed
1001 W. Industrial Drive
Terre Haute, Indiana, 47802

January 23,2009

Re: Interim Significant Permit Revision Petition Approval
167-27278I-00140

Dear Ms. Raley,

On January 5, 2009, the Office of Air Quality (OAQ) received an Interim Significant Permit Revision Petition from CertainTeed, located at 1001 W. Industrial Drive, Terre Haute, Indiana for construction of a new paint line. The description of the new paint line is as follows:

(a) One (1) paint line, identified as PL01, constructed in 2009, with a maximum capacity of 20 gallons of paint applied per hour using brush and flow coating, with emissions uncontrolled and exhausting inside the building.

(b) One (1) pre-heat oven, identified as, PH03, constructed in 2009, with a maximum natural gas consumption of 3.1 MMBtu per hour, with emissions uncontrolled.

(c) One (1) curing oven, identified as CO3, constructed in 2009, with a maximum natural gas consumption of 3.1 MMBtu per hour, with emissions uncontrolled.

(d) One (1) curing oven, identified as CO4, constructed in 2009, with a maximum natural gas consumption of 6.2 MMBtu per hour, with emissions uncontrolled.

A public notice of this Interim Significant Permit Revision petition was published in 'Terre Haute Tribune Star' on December 12, 2008. The public comment period ended on December 16, 2008.

Since there are no comments received during the public comment period, pursuant to 326 IAC 2-13-1(i), this Interim Significant Permit Revision petition is in effect on January 24, 2009 and expires on the effective date of the final Significant Permit Revision permit.

The Interim Significant Permit Revision petition may be revoked after its effective date upon a written finding by the Indiana Department of Environmental Management (IDEM) that any of the reasons for denial in 326 IAC 2-13-1(h) exist or if the final Significant Permit Revision permit is denied. The IDEM has reviewed this Interim Significant Permit Revision petition and has not found any such reason. The facilities specified in this Interim Significant Permit Revision petition may not operate until the final Significant Permit Revision permit is issued by OAQ.

The Interim Significant Permit Revision petition is federally enforceable. Detailed construction and operation conditions will be specified in the final Significant Permit Revision permit 167-27278-00140.

If you have any questions regarding this Interim Significant Permit Revision petition, please contact Mehul Sura, OAQ, 100 North Senate Avenue, MC 61-53, Room 1003, Indianapolis, Indiana, 46204-2251, or call at (800) 451-6027, and ask for Mehul Sura or extension 3-6868, or dial (317) 233-6868.

Sincerely,

Iryn Calilung, Section Chief
Permits Branch
Office of Air Quality

mns

cc: File -- Vigo County
Vigo County Health Department
U.S. EPA, Region V
Air Compliance Section
Compliance Data Section
Permits Administrative and Development

Indiana Department of Environmental Management
Office of Air Quality
Interim Petition Checklist

Instructions: (a) Please answer yes or no.
(b) Enclose this checklist with the completed interim petition package.

Company Name: CertainTeed

Location: 1001 W. Industrial Drive, Terre Haute, Indiana

Yes	1.	Is the written interim petition prepared?
Yes	2.	Is the written petition signed and dated?
Yes	3.	Is the public notice drafted?
Yes	4.	Is the $500 filing and review fee enclosed?
Yes	5.	Is the account number written on the check or money order?
Yes	6.	Is the Affidavit of Construction signed, dated, and notarized?
Yes	7.	Is the proposed modification/revision described in detail?
Yes	8.	Is the proposed modification/revision a modification or addition to an existing source?
Yes	9.	Is the proposed modification/revision located in an attainment area for all the criteria pollutants?
No	10.	Is the proposed modification/revision located in a nonattainment area? If yes, answer No. 11.
N/A	11.	Is the pollutant, which the nonattainment designation is based on, going to be emitted in this proposed modification/revision?
Yes	12.	Are potential emissions calculated?
Yes	13.	Is federal enforceability consent specifically indicated?
N/A	14.	Are specific conditions, limitations, and/or restrictions included that preclude applicability of PSD?
N/A	15.	Are specific conditions, limitations, and/or restrictions included that preclude applicability of NSPS?
N/A	16.	Are specific conditions, limitations, and/or restrictions included that preclude applicability of NESHAP?
Yes	17.	Are specific conditions, limitations, and/or restrictions included that assure compliance with all applicable state air pollution rules?
Yes	18.	Has a regular modification/revision permit application been submitted to OAQ?
N/A	19.	Is a regular modification/revision permit application going to be submitted to OAQ? If yes, indicate approximate date of submission:
No	20.	Has the proposed modification/revision commenced prior to the submission of the interim permit petition?
Yes	21.	The interim petition comment period has been decided to be: 14 calendar days

Additional Comments:

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY

PETITION FOR INTERIM PERMIT

Source Name: CertainTeed
Source Address: 1001 W. Industrial Drive, Terre Haute, Indiana 47802
Mailing Address: 1001 W. Industrial Drive, Terre Haute, Indiana 47802
SIC Code: 3272

Description of The Operation or Equipment:

The equipment proposed to be installed for CertainTeed includes the following:

- One (1) new paint line, identified as PL01, with a maximum capacity of 20 gallons of paint per hour, with emissions uncontrolled and exhausting inside the building.
- One (1) new pre-heat oven, identified as PH03, with a maximum natural gas consumption of 3.1 mmBtu per hour, with emissions uncontrolled.
- One (1) new curing oven, identified as CO3, with a maximum natural gas consumption of 3.1 mmBtu per hour, with emissions uncontrolled.
- One (1) new curing oven, identified as CO4, with a maximum natural gas consumption of 6.2 mmBtu per hour, with emissions uncontrolled.

Potential To Emit:

The potential emissions from the new emission units are included in Table 1. The summary of the facility potential to emit calculations are included in Table 2.

RECEIVED
STATE OF INDIANA
JAN 5 2008
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY

TABLE 1
Potential to Emit Calculations of New Emission Units

Emission Unit	PM Emissions (tons/ year)	PM10 Emissions (tons/ year)	SOx Emissions (tons/ year)	NOx Emissions (tons/ year)	VOC Emissions (tons/ year)	CO Emissions (tons/ year)	HAP Emissions (tons/ year)
PL01	0.00	0.00	0.00	0.00	27.16	0.00	1.30
PH03	0.09	0.10	0.14	2.82	0.07	1.14	0.025
CO3	0.09	0.10	0.14	2.82	0.07	1.14	0.025
CO4	0.18	0.21	0.30	5.64	0.15	2.28	0.05
Total for Revision	**0.36**	**0.41**	**0.58**	**11.28**	**27.45**	**4.56**	**1.40**

TABLE 2
Facility PTE

Emission Unit	Unit ID	PM Emissions (tons/ year)	PM10 Emissions (tons/ year)	SOx Emissions (tons/ year)	NOx Emissions (tons/ year)	VOC Emissions (tons/ year)	CO Emissions (tons/ year)
New Paint Line	PL01	0.00	0.00	0.00	0.00	~~27.16~~ 24.50	0.00
Boilers and Ovens	B-4A, B-4B, PH01, PH02, PH03, CO1, CO2, CO3, CO4	4.25	4.93	6.81	~~86.52~~ 90.73	3.57	54.48
Emergency Generator	G-1	0.26	0.15	1.30	8.22	0.23	2.18
Mixers	FT101, FT102	11.26	11.26				
Weigh Bins	BinA, BinB, BinC	0.23	0.23				
Silos	RT101, RT102, RT103	5.41	5.41				
Reject Chopper	RC	15.02	15.02				
	FT104					16.78	
	C1 A/B, C2 A/B	0.88	0.88			48.31	
	Total PTE	**37.31**	**37.88**	**8.11**	~~94.74~~ 98.95	~~96.05~~ 93.39	**58.51**

PSD Requirements:

There are no PSD rules applicable to this operation or equipment.

NSPS Requirements:

There are no NSPS rules applicable to this operation or equipment.

NESHAP Requirements:

There are no NESHAP rules applicable to this operation or equipment.

State Rules & Requirements:

A summary of applicable state rules & requirements is provided below.

326 IAC 8-1-6 (BACT)
The new paint line is not subject to the requirements of 326 IAC 8-1-6 because CertainTeed proposes to accept a limit on VOC usage to limit VOC emissions to less than 25 tons per year. Therefore, the requirements of 326 IAC 8-1-6 (BACT will not apply to the new paint booth.

326 IAC 2-7 (Part 70)
In order to render the requirements of 326 IAC 2-7 (Part 70) not applicable, Certainteed proposes to limit plantwide fuel usage to levels that will keep NOx emissions below 100 tons per year. Certainteed proposes the following condition replace Condition D.1.1 of the current permit:

NOx emissions from fuel combustion shall not exceed 99 tons per 12 consecutive month period, with compliance determined at the end of each month. Compliance with this limitation will be determined using the following equation:

((Natural Gas Usage)*(NOx emission factor) + (Propane Usage)*(NOx emission factor)) < 100 tpy

Federal Enforceability:

The company consents to the federal enforceability of this interim petition.

Signature: _____

Printed Name: Jeff Heffner

Title or Position: Plant Manager

Phone No.: (812) 645-0342

Date: 12/29/08

ATTACHMENT B

Affidavit of Construction

Affidavit of Construction

I, Jeff Heffner, being duly sworn upon my oath, depose and say:

(Name of the Authorized Representative)

1. I live in Vigo County, Indiana and being of sound mind and over twenty-one (21) years of age, I am competent to give this affidavit.

2. I hold the position of Plant Manager (Title) for CertainTeed (Company Name).

3. By virtue of my position with CertainTeed (Company Name), I have personal knowledge of the representations contained in this affidavit and am authorized to make these representations on behalf of CertainTeed (Company Name).

4. I, the undersigned, have submitted an interim permit to the Office of Air Quality for the construction of one (1) new paint line, one (1) new pre-heat oven, one (1) new #1 curing oven, and one (1) new #2 curing oven.

5. CertainTeed (Company Name) recognizes the following risks:

(a) own financial risk, (b) that IDEM may require additional or different control technology for the final approval, (c) that IDEM may deny issuance of the final approval, and (d) any additional air permitting requirements.

Further Affiant said not.
I affirm under penalties of perjury that the representations contained in this affidavit are true, to the best of my information and belief.

Signature: [signature]

Printed Name: Jeff Heffner

Phone No.: (812) 645-0342

Date: 12/29/08

STATE OF INDIANA)
)SS
COUNTY OF Vigo)

Subscribed and sworn to me, a notary public in and for Vigo County and State of Indiana on this 29 day of December, 2008.
My Commission expires: 1-23-09

Signature: Cheryl L. Huff

Printed Name: CHERYL L. HUFF