



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: October 5, 2011

RE: Da-Lite Screen Company, Inc. / 085-30809I-00002

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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Jim Fisher
Da-Lite Screen Company
3100 N. Detroit Ave.
Warsaw, IN 46581

October 5, 2011

Re: Interim Minor Source Modification Petition Approval
T085-308091-00002

Dear Mr. Fisher:

On September 26, 2011, the Office of Air Quality (OAQ) received an interim Minor Source Modification petition from Da-Lite Screen Company, located at 3100 North Detroit Avenue in Warsaw, Indiana. Based on the data and information submitted in the petition and the provisions in 326 IAC 2-13-1, this interim Minor Source Modification petition is hereby approved for:

One (1) large part powder coating operation, identified as P12, to be constructed in 2011, consisting of:

- (a) One (1) electrostatic spray booth, identified as P12 Powder Coat Booth, with a maximum capacity of 7.5 pounds of powder per hour, with particulate controlled by cartridge filters, and exhausting to the interior of the building; and
- (b) One (1) natural gas-fired oven, identified as P12 Bake Oven, with a maximum heat input of 0.8 million Btu per hour, exhausting to Stack S-5.

Detailed conditions will be specified in the final Minor Source Modification T085-30809-00002. This interim Minor Source Modification shall become effective on the issuance of this approval. This interim Minor Source Modification shall expire on the effective date of the final Minor Source Modification. This interim Minor Source Modification may be revoked after its effective date upon a written finding by the OAQ that any of the reasons for denial in 326 IAC 2-13-1(h) exist or if the final Minor Source Modification is denied. Operation of the facilities subject to this approval will be governed by 326 IAC 2-7-12 (b)(7).

If you have any questions regarding this interim Minor Source Modification petition, please contact (permit reviewer), OAQ, 100 North Senate Avenue, MC 61-53, Indianapolis, Indiana, 46204-2251, or call at (800) 451-6027, and ask for James Mackenzie or extension 3-2641, or dial (317) 233-2641.

Sincerely,



Matthew Stuckey, Branch Chief
Permits Branch
Office of Air Quality

Enclosure: Interim Permit Evaluation (3 pages)

TPS/jwm

cc: File – Kosciusko County
Kosciusko County Health Department
U.S. EPA, Region V
Compliance and Enforcement Branch

(over)

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY**

**PETITION FOR INTERIM SIGNIFICANT PERMIT REVISION, SIGNIFICANT SOURCE
MODIFICATION, MINOR PERMIT REVISION, OR MINOR SOURCE MODIFICATION**

Source Name: Da-Lite Screen Company
 Source Address: 3100 N. Detroit Street Warsaw, Indiana 46581
 Mailing Address: 3100 N. Detroit Street Warsaw, Indiana 46581
 SIC/NAICS Code: 3861/333315

Description of the Operation or Equipment:

This request is for a powder coat operation for large parts. This process is referred to as P12 New large Part Power Coat. The parts will be powder coated in a booth using an electrostatic powder coat gun. The paint will then be fused in a new powder coat oven. The powder coat booth is designed to filter and reticulate the air in the booth.

Potential to Emit:

The VOC emissions from this process are negligible.

The unit will use 7.5 lb of paint an hour. The initial capture efficiency is at least 65%.

Per the attached assay dated July 26, 2011 from TCI Powder Coatings, Inc. the PM 2.5 is .7%, The PM10 is 9.05%, and the PM (less than 100 micron) is 98.75 %
 $PTE\ PM = 7.5\ lb/hr \times (1-.65) \times .9875 = 2.59\ lb/hr$ for an 8760 hr year the PTE is 11.4 tons.
 $PM\ 10\ emissions = 7.5 \times (1-.65) \times .0905 \times 8760/2000 = 1.03\ tons$
 $PM\ 2.5\ emissions = 7.5 \times (1-.65) \times .007 \times 8760/2000 = .08\ tons$

The oven burns natural gas at .8 MM btu/hr using the emission factors this will add
 $PM = .0067\ ton/year$
 $PM\ 10 = .027\ ton/year$
 $PM\ 2.5 = .027\ ton/year$

The PM for the process is 11.4 tons/year + .0067 ton/year = 11.4 ton/year
 Total PM10 = 1.03 tons/year + .027 tons/year = 1.06 ton/year
 Total PM2.5 = .08 ton/year + .027 = .107 ton /year.

This process change constitutes a minor permit modification since its PTE totals less than 25 tons/year.

PSD Requirements:

The PM, PM10 and PM2.5 emissions are less than 25, 15 and 10 tons per year, respectively; therefore, it is not a major modification for PSD.

Da-Lite Screen is a major PSD source and not of the 28 categories listed because the facilities constructed prior to August 7, 1977 have a potential to emit VOC more than 250 tons per year.

NSPS Requirements:

There is no applicable NSPS rule applicable to this operation or equipment.

NESHAP Requirements:

The powder coating operation is subject to National Emission Standards for Hazardous Air Pollutants for Surface Coating of Miscellaneous Metal Parts and Products. However as a powder coating operation the materials used contain no organic Hazardous Air Pollutants, so it will meet the requirements by using compliant coatings.

State Rules & Requirements:

- This process will be covered under 326 IAC 5-1-2, limiting opacity to an average of 40%. This process is not subject to State VOC limitations because VOC emissions are less than 25 tons per year.
- Per 326 IAC 6-3-2 The particulate emissions are limited by the equation $E=4.10P^{0.67}$ Where E= rate of emissions in pounds per hour and P= process weight in tons per hour

Federal Enforceability:

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

Signature:



Printed Name:

Al Hauck

Title or Position:

Vice President Manufacturing

Phone Number:

574-267-8101

Date:

10/4/2011



LS Particle Size Analyzer

26 Jul 2011 15:02

TCI POWDER COATINGS INC

File name: C:\LS13320\samples\WINONA WHI_04_01.\$is
WINONA WHI_04_01.\$is
File ID: WINONA WHITE
Sample ID: 9310-9147
Operator: CS
Bar code: B-1062
Run number: 1
Optical model: gamet.rf780f
Fluid R.I.: 1
Residual: 0.54%
LS 13 320 SW Dry Powder System
Start time: 15:00 26 Jul 2011
Average Vacuum: 15.0" H2O
Obscuration: 9%
Software: 5.01
Sample R.I.: 1.8 i0.3
Run length: 111 seconds
Firmware: 2.02

Volume Statistics (Arithmetic) WINONA WHI_04_01.\$is

Calculations from 0.375 μm to 2000 μm

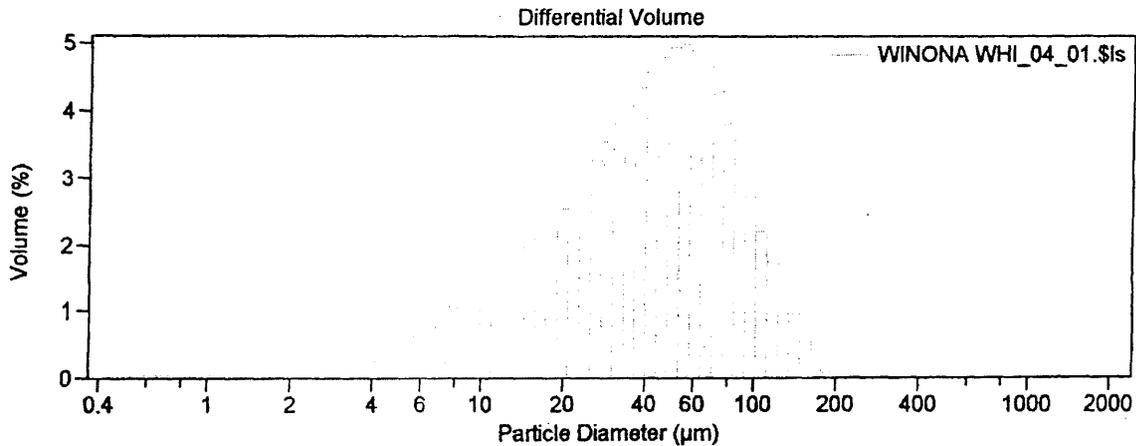
Volume: 100%
Mean: 46.49 μm
Median: 39.89 μm
Mean/Median ratio: 1.166
Mode: 55.14 μm

d_{50} : 91.96 μm

<10%	<50%	<99.5%	<2.5%
10.60 μm	39.89 μm	157.8 μm	5.322 μm

<10 μm	<5 μm	<2.5 μm
9.05%	2.17%	0.70%

>44 μm
45.2%



Affidavit of Construction

I, Al Hauck, being duly sworn upon my oath, depose and say:

(Name of the Authorized Representative)

1. I live in Kosciusko 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 Vice President of Manufacturing for Da-Lite Screen Company
 (Title) (Company Name)
3. By virtue of my position with Da-Lite Screen Company, I have personal
 (Company Name)
 knowledge of the representations contained in this affidavit and am authorized to make these representations on behalf of Da-Lite Screen Company
 (Company Name)
4. I, the undersigned, have submitted an interim (minor permit revision, significant permit revision, minor source modification, significant source modification) petition to the Office of Air Quality for the construction of P12 New Large Part Powder Coat.
5. Da-Lite Screen Company recognizes the following risks:
 (Company Name)
 (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.

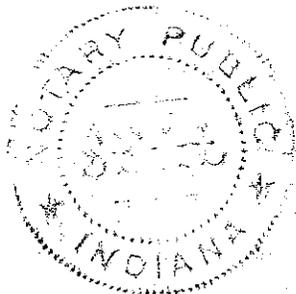
I affirm under penalties of perjury that the representations contained in this affidavit are true, to the best of my information and belief.

Signature: Al Hauck
 Printed Name: Al Hauck
 Phone No.: 574-267-8101
 Date: 9/21/11

STATE OF INDIANA))SS
 COUNTY OF KOSCIUSKO)

Subscribed and sworn to me, a notary public in and for Kosciusko County and
 State of Indiana on this 21st day of September, 20 11.
 My Commission expires: 12-15-13

Signature: Wanda J. Mickleley
 Printed Name: WANDA J. MICKLEY



Indiana Department of Environmental Management Office of Air Management

Interim Minor Permit Revision / Minor Source Modification Evaluation Sheet

Company Name: Da-Lite Screen Co.	
Location: Warsaw, IN	Permit No: 085-308091-00002
Permit Reviewer: J. Mackenzie	Date Receipt of Application: 9-26-11 Date of review: 9/26-11
Description of the interim construction: Large Part Powder Coat Booth, P12	
Date the Application was received + 19 days = 10-15-11	

Interim Petition Applicability: 326 IAC 2-13-1

- (a) Existing Source with valid permit;
- (b) Exemptions:
 - (1) construction of a PSD source or PSD modification;
 - (2) construction or modification in nonattainment area that would emit those pollutants for which the nonattainment designation is based.
 - (3) any modification subject to 326 IAC 2-4.1.
- (c) Approve or deny the interim minor permit revision or minor source modification in writing within 19 calendar days, or it becomes the enforceable interim minor permit revision or minor source modification. [326 IAC 2-13-1(d)]

Instructions: Check (✓) appropriate answers and make a recommendation.

1. Did the applicant submit a written petition for an interim minor permit revision or minor source modification?
 - Yes Go to question 2.
 - No Ignore verbal request.

2. Did the applicant pay the applicable interim permit fee? \$625 for TV, FESOP, and SSOA. \$500 for MSOP.
 - Yes Go to question 3.
 - No Deny the application, pursuant to 326 IAC 2-13-1(c)(1).

Comments: _____

3. Did the applicant state acceptance of federal enforceability of an interim minor permit revision or minor source modification?
 - Yes Go to question 4.
 - No Deny the application, pursuant to 326 IAC 2-13-1(c)(2)(D).

4. Did the applicant or its authorized agent sign the application?
 - Yes Go to question 5.
 - No Deny the application, pursuant to 326 IAC 2-13-1(c)(2)(E).

5. Did the applicant submit a notarized affidavit stating that the applicant will proceed at its own risk (if the interim minor permit revision or minor source modification is issued), including, but not limited to:
- (a) Financial risk,
 - (b) Risk that additional emission controls may be required,
 - (c) Risk that the final minor permit revision or minor source modification may be denied.
- Yes Go to question 6.
 No Deny the application, pursuant to 326 IAC 2-13-1(c)(2)(F).
6. Did the applicant begin construction prior to submitting the interim minor permit revision or minor source modification application?
- Yes Deny the application, pursuant to 326 IAC 2-13-1(h)(6).
 No Go to question 7.
7. What is the type of the interim construction?
- New Source Deny the application, pursuant to 326 IAC 2-13-1(a)
 Modification to an existing source Go to question 8.
8. Did the applicant present data in the interim minor permit revision or minor source modification that is sufficient to determine PSD, NSPS, NESHAP, and state rule compliance?
- Yes Go to question 9.
 No Deny the application pursuant to:
326 IAC 2-13-1(c)(2)(B), for PSD;
326 IAC 2-13-1(c)(2)(C), for NSPS or NESHAP;
326 IAC 2-13-1(c)(2)(C), for state rules.
9. Is the proposed modification to be located in a nonattainment area?
- Yes Go to question 10.
 No Go to question 11.
- County: _____ County
- Comments: _____
10. Will the proposed modification emit the pollutant for which the area is nonattainment in quantities greater than the significant levels?
- Yes Deny the application, pursuant to 326 IAC 2-13-1(a)(2).
 No Go to question 11.
11. Did the petition include a complete description of the process?
- Yes Go to question 12.
 No Deny the petition, pursuant to 326 IAC 2-13-1(c)(2).
12. Did the interim minor permit revision or minor source modification petition contain conditions accepting either emission controls (baghouse, afterburners, scrubbers, etc.) or enforceable limits or other suitable restriction to avoid PSD applicability; as well as control parameters (incinerator operating temperature, baghouse pressure drop, etc.)? The specific limits must be explicitly spelled out (i.e.: The gas consumption of the boiler shall not exceed 29 million cubic feet per month.) A statement such as that the company agrees to conditions such that PSD rules are not applicable is not acceptable.
- Yes Go to question 13.
 No Deny the application, pursuant to 326 IAC 2-13-1(c)(2)(B).

13. Do the emission controls and/or throughput limits prevent PSD applicability?
 Yes Go to question 14.
 No Deny the application, pursuant to 326 IAC 2-13-1(c)(2)(B).
14. Will the modification, after application of all emission controls and/or throughput limitations comply with all applicable New Source Performance Standards (NSPS) (40 CFR 60)?
 Yes Go to question 15.
 No Deny the application, pursuant to 326 IAC 2-13-1(c)(2)(C).
15. Will the modification, after application of all emission controls and/or throughput limitations comply with all applicable National Emission Standards for Hazardous Air Pollutants (NESHAP)?
 Yes Go to question 16.
 No Deny the application, pursuant to 326 IAC 2-13-1(c)(2)(C).
16. Will the modification, after application of all emission controls and/or throughput limitations, comply with all applicable state rules?
 Yes Go to question 17.
 No Deny the application, pursuant to 326 IAC 2-13-1(c)(2)(C).
17. Does the applicant dispute applicability of any applicable state or federal rule?
 Yes Deny the application, pursuant to 326 IAC 2-13-1(c)(2)(C).
 No Go to question 18.
18. Is there good reason to believe that the applicant does not intend to construct in accordance with the interim minor permit revision or minor source modification petition?
 Yes Deny the application, pursuant to 326 IAC 2-13-1(h)(1).
 No Go to question 19.
19. Is there good reason to believe that information in the petition has been falsified?
 Yes Deny the application, pursuant to 326 IAC 2-13-1(h)(7).
 No Approve the interim minor permit revision or minor source modification petition.

Recommendation: Issuance

Date the approval was drafted: 9/29/2010

Comments: _____



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SENT VIA U.S. MAIL: CONFIRMED DELIVERY AND SIGNATURE REQUESTED

TO: Jim Fisher
Da-Lite Screen Company, Inc.
3100 N Detroit Ave
Warsaw, IN 46581

DATE: October 5, 2011

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

SUBJECT: Final Decision
Interim
085-30809I-00002

Enclosed is the final decision and supporting materials for the air permit application referenced above. Please note that this packet contains the original, signed, permit documents.

The final decision is being sent to you because our records indicate that you are the contact person for this application. However, if you are not the appropriate person within your company to receive this document, please forward it to the correct person.

A copy of the final decision and supporting materials has also been sent via standard mail to:
OAQ Permits Branch Interested Parties List

If you have technical questions regarding the enclosed documents, please contact the Office of Air Quality, Permits Branch at (317) 233-0178, or toll-free at 1-800-451-6027 (ext. 3-0178), and ask to speak to the permit reviewer who prepared the permit. If you think you have received this document in error, please contact Joanne Smiddie-Brush of my staff at 1-800-451-6027 (ext 3-0185), or via e-mail at jbrush@idem.IN.gov.

Final Applicant Cover letter.dot 11/30/07

Mail Code 61-53

IDEM Staff	CDENNY 10/5/2011 Da-Lite Screen Company, Inc. 085-308091-00002 (final)		Type of Mail: CERTIFICATE OF MAILING ONLY	AFFIX STAMP HERE IF USED AS CERTIFICATE OF MAILING
Name and address of Sender		Indiana Department of Environmental Management Office of Air Quality – Permits Branch 100 N. Senate Indianapolis, IN 46204		

Line	Article Number	Name, Address, Street and Post Office Address	Postage	Handing Charges	Act. Value (If Registered)	Insured Value	Due Send if COD	R.R. Fee	S.D. Fee	S.H. Fee	Rest. Del. Fee	Remarks
1		Jim Fisher Da-Lite Screen Company, Inc. 3100 N Detroit Ave Warsaw IN 46581 (Source CAATS)										
2		Tim Henson VP Da-Lite Screen Company, Inc. 3100 N Detroit Ave Warsaw IN 46581 (RO CAATS)										
3		Mr. Charles L. Berger Berger & Berger, Attorneys at Law 313 Main Street Evansville IN 47700 (Affected Party)										
4		Warsaw City Council and Mayors Office P.O. Box 817 Warsaw IN 46581 (Local Official)										
5		Kosciusko County Board of Commissioners 100 W. Center St, Room 220 Warsaw IN 46580 (Local Official)										
6		Mr. Tim Thomas c/o Boilermakers Local 374 6333 Kennedy Ave. Hammond IN 46333 (Affected Party)										
7		Kosciusko County Health Department 100 W. Center Street, 3rd Floor Warsaw IN 46580-2877 (Health Department)										
8		Rick & Jo Ellen Jackson 7163 W 200 N Warsaw IN 46580 (Affected Party)										
9		Mark Zeltwanger 26545 CR 52 Nappanee IN 46550 (Affected Party)										
10												
11												
12												
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14												
15												

Total number of pieces Listed by Sender	Total number of Pieces Received at Post Office	Postmaster, Per (Name of Receiving employee)	The full declaration of value is required on all domestic and international registered mail. The maximum indemnity payable for the reconstruction of nonnegotiable documents under Express Mail document reconstructing insurance is \$50,000 per piece subject to a limit of \$50, 000 per occurrence. The maximum indemnity payable on Express mil merchandise insurance is \$500. The maximum indemnity payable is \$25,000 for registered mail, sent with optional postal insurance. See Domestic Mail Manual R900, S913, and S921 for limitations of coverage on inured and COD mail. See International Mail Manual for limitations o coverage on international mail. Special handling charges apply only to Standard Mail (A) and Standard Mail (B) parcels.
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