



Mitchell E. Daniels, Jr.
Governor

Thomas W. Easterly
Commissioner

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

TO: Interested Parties / Applicant
DATE: November 14, 2006
RE: Total Interior Systems America / 051-23675-00045
FROM: Nisha Sizemore
Chief, Permits Branch
Office of Air Quality

Notice of Decision – Approval

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 326 IAC 2, this approval was effective immediately upon submittal of the application.

If you wish to challenge this decision, IC 4-21.5-3-7 requires 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, Room 1049, Indianapolis, IN 46204, **within eighteen (18) calendar days from 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-AM.dot 03/23/06



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
We make Indiana a cleaner, healthier place to live.

Mitchell E. Daniels, Jr.
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November 14, 2006

Mr. Pat Summers
Total Interior Systems America LLC
RR 1, Box 101, County Road 100
Princeton, Indiana 47640

Re: 051-23675-00045
First Notice-Only Change to
MSOP 051-18702-00045

Dear Mr. Summers:

Total Interior Systems America was issued a minor source operating permit (MSOP) on September 24, 2004 for a stationary vehicle door panels manufacturing plant. A letter requesting a notice-only change to this permit was received on September 21, 2006. Pursuant to the provisions of 326 IAC 2-6.1-6, the permit is hereby revised as follows:

The modification consists of changing the coating material in their existing spray booth, identified as EU01 from Cosmo Color 34 MZ to Color Match Per -Fix, with a maximum throughput of 0.65 gallons of coating per hour. This change results in a reduction of the potential to emit volatile organic compounds (VOC), particulate matter (PM and PM10), and hazardous air pollutants (HAP). This modification does not change any permit conditions.

All conditions of the permit shall remain unchanged and in effect. Please attach a copy of this letter and the accompanying calculations to the front of the original permit.

Pursuant to Contract No. A305-5-65, IDEM, OAQ has assigned the processing of this application to Eastern Research Group, Inc., (ERG). Therefore, questions should be directed to Tracy Dehaven Parham, ERG, 1600 Perimeter Park Drive, Morrisville, North Carolina 27560, or call (919) 468-7901 to speak directly to Ms. Parham. Questions may also be directed to Duane Van Laningham at IDEM, OAQ, 100 North Senate Avenue, P.O. Box 6015, Indianapolis, Indiana, 46206-6015, or call (800) 451-6027, and ask for Duane Van Laningham, or extension 3-6878, or dial (317) 233-6878.

Sincerely,

Original signed by

Nisha Sizemore, Chief
Permits Branch
Office of Air Quality

Attachments

ERG/TDP

cc: File - Gibson County
Gibson County Health Department
Air Compliance Section Inspector – Scott Anslinger
Compliance Data Section
Administrative and Development
Technical Support and Modeling - Michele Boner

Appendix A: Emission Calculations
VOC and Particulate from Surface Coating Booth EU-01

Company Name: Total Interior Systems - America LLC
Address : RR1 Box 1, Princeton, Indiana 47670
MSOP: 051-23675-00045
Reviewer: ERG/TDP
Date: September 27, 2006

Material	Density (lbs/gal)	Weight % Volatile (H2O & Organics)	Weight % Water	Weight % VOC	Volume % Water	Volume % Non-Volatiles (solids)	Usage Rate (gal/hr)	Pounds VOC per gallon of coating	PTE of VOC (lbs/hr)	PTE of VOC (lbs/day)	PTE of VOC (tons/yr)	PTE of PM/PM10 (ton/yr)	Transfer Efficiency*
Color Match Per-Fix	6.34	65.9%	0.0%	65.9%	0.0%	34.10%	0.65	4.18	2.72	65.2	11.9	2.77	55%

Material	Density (lbs/gal)	Weight % MEK	Weight % Xylene	Weight % Ethyl Benzene	Usage Rate (gal/hr)	PTE of MEK (tons/yr)	PTE of Xylene (tons/yr)	PTE of Ethyl Benzene (tons/yr)	Total HAP (ton/yr)
Color Match Per-Fix	6.34	40.0%	10.0%	1.0%	0.65	7.22	1.80	0.18	9.21

*Transfer efficiency assumed to be 55%. Materials are applied through HVLP and with aerosol cans.

METHODOLOGY

Pounds of VOC per Gallon Coating = Density (lbs/gal) * Weight % VOC

PTE of VOC (lbs/hr) = Pounds of VOC per gallon coating (lb/gal) * Usage Rate (gal/hr)

PTE of VOC (lbs/day) = Pounds of VOC per gallon coating (lb/gal) * Usage Rate (gal/hr) * 24 hrs/day

PTE of VOC (tons/yr) = Pounds of VOC per gallon coating (lb/gal) * Usage Rate (gal/hr) * 8760 hrs/yr * 1 ton/2000 lbs

PTE of PM/PM10 (tons/yr) = Usage Rate (gal/hr) * Density (lbs/gal) * (1- Weight % Volatiles) * (1-Transfer efficiency) *8760 hrs/yr *1 ton/2000 lbs

PTE of HAP (tons/yr) = Density (lbs/gal) * Usage Rate (gal/hr) * Weight % HAP * 8760 hrs/yr * 1 ton/2000 lbs

**Appendix A: Emission Calculations
Summary**

Company Name: Total Interior Systems - America LLC
Address: RR 1 Box 101 County Road 100, Princeton, Indiana 47670
MSOP: 051-23675-00045
Reviewer: ERG/TDP
Date: September 27, 2006

POTENTIAL TO EMIT IN TONS PER YEAR

Emission Unit	PM	PM10	SO ₂	NOx	VOC	CO	Total HAPs
EU01	2.77	2.77	--	--	11.9	--	9.21
* EU 02, EU 03, EU 04	7.19	7.19			52.9		13.9
* Generator	0.01	0.01	1.26	0.12	0.00	0.03	0.00
TOTAL	9.97	9.97	1.26	0.12	64.8	0.03	23.1

POTENTIAL TO EMIT SINGLE HAP (TONS PER YEAR)

Emission Unit	Xylene	Ethyl Benzene	Methyl Alcohol	n-Hexane	Isopropyl Alcohol	MEK
EU01	1.80	0.18	--	--	--	7.22
* EU 02, EU 03, EU 04	0.11	--	1.73	6.93	2.32	--
* Generator			Negligible			
TOTAL	1.91	0.18	1.73	6.93	2.32	7.22

* Existing Units