

Mr. James Cartwright
Dalton Corporation, Warsaw Manufacturing Facility
1900 East Jefferson Street
Warsaw, Indiana 46581-1388

Re: Interim Significant Permit Revision Petition
I-085-14027-00003

Dear Mr. Cartwright :

On March 7, 2001, the Office of Air Quality (OAQ) received an interim significant permit revision petition from Dalton Corporation, Warsaw Manufacturing Facility located at 1900 East Jefferson Street, Warsaw, Indiana for construction a hot box core making process line consisting of an 18 ton of sand per hour sand silo with bin vent for particulate matter control, an 18 ton of sand per hour sand bin with a cartridge collector for particulate matter control, an 18 ton of sand per hour hot box sand mixer (Mixer #9) utilizing resin and release agent, three (3) 1.5 MMBtu/hr natural gas fired hot box core machines (Core Machines #8, #9, #10) utilizing a core box cleaner and catalyst and rated at 4.5, 6.0, and 6.0 tons of sand per hour respectively, a 16.5 ton of sand per hour core wash dip tank (Dip Tank #1) and two (2) 4.0 MMBtu/hr natural gas fired core ovens (Core Ovens #1, #2). Sand usage to the mixer, three (3) hot box core machines and the core wash dip tank shall be limited to 20,200 tons of sand annually. This sand usage limitation will limit VOC emissions to less than 25 tons per year.

Public notice of the interim significant permit revision petition was published on February 16, 2001. The public comment period ended on March 5, 2001. Since there are no comments received during the public comment period, pursuant to 326 IAC 2-13-1(i), the interim significant permit revision petition is in effect on March 26, 2001 and expires on the effective date of the final significant permit revision permit. The interim significant permit revision petition may be revoked after this 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 the interim significant permit revision petition may not operate until the final significant permit revision permit is issued by OAM.

The interim significant permit revision petition is federally enforceable. Detailed construction and operation conditions will be specified in the final significant permit revision permit 085-14027-00003.

If you have any questions regarding this interim significant permit revision petition, please contact Mack E. Sims of my staff at 317-233-0867 or at 1-800-451-6027 (ask for extension 3-0867).

Sincerely,

Paul Dubenetzky, Chief
Permits Branch
Office of Air Management

sims

Enclosure: Interim Permit Evaluation (3 pages)

cc: File – Kosioscko County
Kosioscko County Health Department
Northern Regional Office
Air Compliance Section – Doyle Houser
Permit Tracking -- Janet Mobley
Title V Permit – T 085-6708-00003

**Indiana Department of Environmental Management
Office of Air Management**

**Interim Significant Permit Revision/ Significant Source Modification
Evaluation Sheet**

| | | |
|--|---------------------------------------|--------------------------|
| Company Name: Dalton Corporation, Warsaw Manufacturing Facility | | |
| Location: 1900 East Jefferson Street, Warsaw, Indiana 46581-1388 Permit No: I-085-14027-00003 | | |
| Permit Reviewer: Mack E. Sims | Date Receipt of Application: 03/07/01 | Date of review: 03/22/01 |
| Description of the interim construction: a hot box core making process line consisting of an 18 ton of sand per hour sand silo with bin vent for particulate matter control, an 18 ton of sand per hour sand bin with a cartridge collector for particulate matter control, an 18 ton of sand per hour hot box sand mixer (Mixer #9) utilizing resin and release agent, three (3) 1.5 MMBtu/hr natural gas fired hot box core machines (Core Machines #8, #9, #10) utilizing a core box cleaner and catalyst and rated at 4.5, 6.0, and 6.0 tons of sand per hour respectively, a 16.5 ton of sand per hour core wash dip tank (Dip Tank #1) and two (2) 4.0 MMBtu/hr natural gas fired core ovens (Core Ovens #1, #2). Sand usage to the mixer, three (3) hot box core machines and the core wash dip tank shall be limited to 20,200 tons of sand annually. This sand usage limitation will limit VOC emissions to less than 25 tons per year. | | |
| Public Notice Date + 17 days = March 5, 2001 | | |
| Date the Application was received + 19 days = March 26, 2001 | | |

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.
- (3) Public notice comment period is 14 calendar days.

Instructions: Check appropriate answers and make a recommendation.

1. Did the applicant submit a written petition for an interim permit?
 Yes Go to question 2.
 No Ignore verbal request.
2. Did the applicant pay the \$500 interim permit fee?
 Yes Go to question 3.
 No Deny the application, pursuant to 326 IAC 2-13-1(c)(1).
3. Did the applicant state acceptance of federal enforceability of an interim permit?
 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 permit is issued), including, but not limited to:
- (a) Financial risk,
 - (b) Risk that additional emission controls may be required,
 - (c) Risk that the final permit 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 permit 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 permit 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: Kosioscko County
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 permit 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 permit 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 permit petition.
20. Has the petition been adequately public noticed? A proof of publication copy is necessary.
 Yes Go to question 21.
 No Deny the application, pursuant to 326 IAC 2-13-1(e).

Newspaper: The Warsaw Times Union – Warsaw IN

Date of publication: February 16, 2001

21. Were comments received within seventeen (17) days after the public notice of the interim permit? (14 calendar days for comment period + 3 working days for mailing)
 Yes Evaluate the comments received, and make a recommendation.
 No Issue the final interim permit approval.

Comments:

Recommendation: APPROVE INTERIM PETITION

Date the applicant was informed of the decision: 03/23/01

Method of informing the applicant: By Phone