

PART 70 OPERATING PERMIT OFFICE OF AIR MANAGEMENT

**Roll Coater, Inc.
1950 East Main Street
Greenfield, Indiana 46140**

(herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the source described in Section A (Source Summary) of this permit.

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-7 and 326 IAC 2-1-3.2 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

Operation Permit No.: T059-7584-00002	
Issued by: Janet G. McCabe, Assistant Commissioner Office of Air Management	Issuance Date:

SECTION A

SOURCE SUMMARY

This permit is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Management (OAM). The information describing the source contained in conditions A.1 through A.3 is descriptive information and does not constitute enforceable conditions. However, the Permittee should be aware that a physical change or a change in the method of operation that may render this descriptive information obsolete or inaccurate may trigger requirements for the Permittee to obtain additional permits or seek modification of this permit pursuant to 326 IAC 2, or change other applicable requirements presented in the permit application.

A.1 General Information [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)]

The Permittee owns and operates a stationary coil coating operation.

Responsible Official: Robert M. Olszewski
Source Address: 1950 East Main Street, Greenfield, Indiana 46140
Mailing Address: P.O. Box 787, Greenfield, Indiana 46140
SIC Code: 3479
County Location: Hancock
County Status: Attainment for all criteria pollutants
Source Status: Part 70 Permit Program
Major Source, under PSD Rules;
Major Source, Section 112 of the Clean Air Act

A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)] [326 IAC 2-7-5(15)]

This stationary source consists of the following emission units and pollution control devices:

- (1) One (1) Cleaver Brooks natural gas fueled boiler, constructed in December 1996, identified as Boiler, with a maximum heat input capacity of 12.56 million British thermal units per hour (mmBtu/hr), exhausting to one (1) stack (22);
- (2) One (1) Line 3 natural gas fueled air make-up unit, constructed in June 1992, identified as Air Make-up, with a maximum heat input capacity of 12.96 million British thermal units per hour (mmBtu/hr);
- (3) One (1) metal and vinyl coil coating line, identified as Line 2, with average maximum capacity of 44,812 pounds metal per hour, using one (1) thermal afterburner as control consisting of the following equipment:
 - (A) One (1) Wet Section and Brush, constructed in 1964, exhausting to one (1) stack (1);
 - (B) Cooling Towers, constructed in October 1993, exhausting to one (1) stack (2);
 - (C) Cooling Towers, constructed in October 1993, exhausting to one (1) stack (3);
 - (D) One (1) Afterburner stack, constructed in September 1995, identified as 4A;
 - (E) One (1) Afterburner Bypass stack, constructed in September 1995, identified as 4B;
 - (F) One (1) Prime coater room, constructed in 1964, method of application is rollcoating, exhausting to one (1) stack (5);

- (G) One (1) Finish coater room, constructed in 1964, method of application is rollcoating, exhausting to one (1) stack (6);
 - (H) One (1) Finish quench, constructed in 1964, exhausting to one (1) stack (7); and
 - (I) One (1) Air Knife exhaust, constructed in 1964, identified as 20.
- (4) One (1) metal coil coating line, constructed in 1968, identified as Line 3, with average maximum capacity of 57,105 pounds metal per hour, using one (1) thermal afterburner as control, consisting of the following equipment:
- (A) One (1) preclean wet section, exhausting to one (1) stack (11);
 - (B) One (1) wet section exhaust, identified as 12;
 - (C) One (1) prime and finish coater, method of application is rollcoating, exhausting to one (1) stack (13);
 - (D) One (1) waste heat fired boiler bypass (prime) and afterburner, exhausting to one (1) stack (14A);
 - (E) One (1) boiler and afterburner stack (prime), identified as 14B;
 - (F) One (1) waste heat fired boiler bypass (finish), exhausting to one (1) stack (15A);
 - (G) One (1) boiler stack (finish), identified as 15B;
 - (H) One (1) prime quench, exhausting to one (1) stack (16);
 - (I) One (1) finish quench, exhausting to one (1) stack (17);
 - (J) Cooling towers, exhausting to one (1) stack (18);
 - (K) Cooling towers, exhausting to one (1) stack (19);
 - (L) One (1) air knife exhaust, identified as 21;

A.3 Specifically Regulated Insignificant Activities [326 IAC 2-7-1(21)] [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)]

This stationary source does not currently have any insignificant activities, as defined in 326 IAC 2-7-1 (21) that have applicable requirements.

A.4 Part 70 Permit Applicability [326 IAC 2-7-2]

This stationary source is required to have a Part 70 permit by 326 IAC 2-7-2 (Applicability) because:

- (a) It is a major source, as defined in 326 IAC 2-7-1(22).
- (b) It is a source in a source category designated by the United States Environmental Protection Agency (U.S. EPA) under 40 CFR 70.3 (Part 70 - Applicability).

SECTION B

GENERAL CONDITIONS

B.1 Permit No Defense [326 IAC 2-1-10] [IC 13]

(a) Indiana statutes from IC 13 and rules from 326 IAC, quoted in conditions in this permit, are those applicable at the time the permit was issued. The issuance or possession of this permit shall not alone constitute a defense against an alleged violation of any law, regulation or standard, except for the requirement to obtain a Part 70 permit under 326 IAC 2-7.

(b) This prohibition shall not apply to alleged violations of applicable requirements for which the Commissioner has granted a permit shield in accordance with 326 IAC 2-1-3.2 or 326 IAC 2-7-15, as set out in this permit in the Section B condition entitled "Permit Shield."

B.2 Definitions [326 IAC 2-7-1]

Terms in this permit shall have the definition assigned to such terms in the referenced regulation. In the absence of definitions in the referenced regulation, any applicable definitions found in IC 13-11, 326 IAC 1-2 and 326 IAC 2-7 shall prevail.

B.3 Permit Term [326 IAC 2-7-5(2)]

This permit is issued for a fixed term of five (5) years from the effective date, as determined in accordance with IC 4-21.5-3-5(f) and IC 13-15-5-3.

B.4 Enforceability [326 IAC 2-7-7(a)]

(a) All terms and conditions in this permit, including any provisions designed to limit the source's potential to emit, are enforceable by IDEM.

(b) Unless otherwise stated, terms and conditions of this permit, including any provisions to limit the source's potential to emit, are enforceable by the United States Environmental Protection Agency (U.S. EPA) and citizens under the Clean Air Act.

B.5 Termination of Right to Operate [326 IAC 2-7-10] [326 IAC 2-7-4(a)]

The Permittee's right to operate this source terminates with the expiration of this permit unless a timely and complete renewal application is submitted at least nine (9) months prior to the date of expiration of the source's existing permit, consistent with 326 IAC 2-7-3 and 326 IAC 2-7-4(a).

B.6 Severability [326 IAC 2-7-5(5)]

The provisions of this permit are severable; a determination that any portion of this permit is invalid shall not affect the validity of the remainder of the permit.

B.7 Property Rights or Exclusive Privilege [326 IAC 2-7-5(6)(D)]

This permit does not convey any property rights of any sort, or any exclusive privilege.

B.8 Duty to Supplement and Provide Information [326 IAC 2-7-4(b)] [326 IAC 2-7-5(6)(E)]

(a) The Permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Management
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

- (b) The Permittee shall furnish to IDEM, OAM within a reasonable time, any information that IDEM, OAM may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit.
- (c) Upon request, the Permittee shall also furnish to IDEM, OAM copies of records required to be kept by this permit. If the Permittee wishes to assert a claim of confidentiality over any of the furnished records, the Permittee must furnish such records to IDEM, OAM along with a claim of confidentiality under 326 IAC 17. If requested by IDEM, OAM, or the U.S. EPA, to furnish copies of requested records directly to U. S. EPA, and if the Permittee is making a claim of confidentiality regarding the furnished records, then the Permittee must furnish such confidential records directly to the U.S. EPA along with a claim of confidentiality under 40 CFR 2, Subpart B.

B.9 Compliance with Permit Conditions [326 IAC 2-7-5(6)(A)] [326 IAC 2-7-5(6)(B)]

- (a) The Permittee must comply with all conditions of this permit. Noncompliance with any provisions of this permit constitutes a violation of the Clean Air Act and is grounds for:
 - (1) Enforcement action;
 - (2) Permit termination, revocation and reissuance, or modification; or
 - (3) Denial of a permit renewal application.
- (b) It shall not be a defense for the Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

B.10 Certification [326 IAC 2-7-4(f)] [326 IAC 2-7-6(1)]

- (a) Any application form, report, or compliance certification submitted under this permit shall contain certification by a responsible official of truth, accuracy, and completeness. This certification, and any other certification required under this permit, shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.
- (b) One (1) certification shall be included, on the attached Certification Form, with each submittal.
- (c) A responsible official is defined at 326 IAC 2-7-1(34).

B.11 Annual Compliance Certification [326 IAC 2-7-6(5)]

- (a) The Permittee shall annually submit a compliance certification report which addresses the status of the source's compliance with the terms and conditions contained in this permit, including emission limitations, standards, or work practices. The certification shall cover the time period from January 1 to December 31 of the previous year, and shall be submitted in letter form no later than July 1 of each year to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Management
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

and

United States Environmental Protection Agency, Region V
Air and Radiation Division, Air Enforcement Branch - Indiana (AE-17J)
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

- (b) The annual compliance certification report required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAM, on or before the date it is due.
- (c) The annual compliance certification report shall include the following:
 - (1) The identification of each term or condition of this permit that is the basis of the certification;
 - (2) The compliance status;
 - (3) Whether compliance was based on continuous or intermittent data;
 - (4) The methods used for determining compliance of the source, currently and over the reporting period consistent with 326 IAC 2-7-5(3);
 - (5) Any insignificant activity that has been added without a permit revision;
 - (6) Such other facts, as specified in Sections D of this permit, as IDEM, OAM may require to determine the compliance status of the source.

The submittal by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

B.12 Preventive Maintenance Plan [326 IAC 2-7-5(1),(3) and (13)] [326 IAC 2-7-6(1) and (6)]
[326 IAC 1-6-3]

- (a) If required by specific condition(s) in Section D of this permit, the Permittee shall prepare and maintain Preventive Maintenance Plans (PMP) within ninety (90) days after issuance of this permit, including the following information on each facility:
 - (1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;
 - (2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions;
 - (3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.

If due to circumstances beyond its control, the PMP cannot be prepared and maintained within the above time frame, the Permittee may extend the date an additional ninety (90) days provided the Permittee notifies:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Management
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

- (b) The Permittee shall implement the Preventive Maintenance Plans as necessary to ensure that lack of proper maintenance does not cause or contribute to a violation of any limitation on emissions or potential to emit.
- (c) PMP's shall be submitted to IDEM, OAM upon request and shall be subject to review and approval by IDEM, OAM.

B.13 Emergency Provisions [326 IAC 2-7-16]

- (a) An emergency, as defined in 326 IAC 2-7-1(12), is not an affirmative defense for an action brought for noncompliance with a federal or state health-based emission limitation, except as provided in 326 IAC 2-7-16.
- (b) An emergency, as defined in 326 IAC 2-7-1(12), constitutes an affirmative defense to an action brought for noncompliance with a health-based or technology-based emission limitation if the affirmative defense of an emergency is demonstrated through properly signed, contemporaneous operating logs or other relevant evidence that describe the following:
 - (1) An emergency occurred and the Permittee can, to the extent possible, identify the causes of the emergency;
 - (2) The permitted facility was at the time being properly operated;
 - (3) During the period of an emergency, the Permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards or other requirements in this permit;
 - (4) For each emergency lasting one (1) hour or more, the Permittee notified IDEM, OAM within four (4) daytime business hours after the beginning of the emergency, or after the emergency was discovered or reasonably should have been discovered;

Telephone Number: 1-800-451-6027 (ask for Office of Air Management,
Compliance Section), or

Telephone Number: 317-233-5674 (ask for Compliance Section)

Facsimile Number: 317-233-5967

- (5) For each emergency lasting one (1) hour or more, the Permittee submitted notice, either in writing or facsimile, of the emergency to:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Management
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

within two (2) working days of the time when emission limitations were exceeded due to the emergency.

The notice fulfills the requirement of 326 IAC 2-7-5(3)(C)(ii) and must contain the following:

- (A) A description of the emergency;
- (B) Any steps taken to mitigate the emissions; and
- (C) Corrective actions taken.

The notification which shall be submitted by the Permittee does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (6) The Permittee immediately took all reasonable steps to correct the emergency.
- (c) In any enforcement proceeding, the Permittee seeking to establish the occurrence of an emergency has the burden of proof.
- (d) This emergency provision supersedes 326 IAC 1-6 (Malfunctions) for sources subject to this rule after the effective date of this rule. This permit condition is in addition to any emergency or upset provision contained in any applicable requirement.
- (e) IDEM, OAM may require that the Preventive Maintenance Plans required under 326 IAC 2-7-4-(c)(9) be revised in response to an emergency.
- (f) Failure to notify IDEM, OAM by telephone or facsimile of an emergency lasting more than one (1) hour in compliance with (b)(4) and (5) of this condition shall constitute a violation of 326 IAC 2-7 and any other applicable rules.
- (g) Operations may continue during an emergency only if the following conditions are met:
 - (1) If the emergency situation causes a deviation from a technology-based limit, the Permittee may continue to operate the affected emitting facilities during the emergency provided the Permittee immediately takes all reasonable steps to correct the emergency and minimize emissions.
 - (2) If an emergency situation causes a deviation from a health-based limit, the Permittee may not continue to operate the affected emissions facilities unless:
 - (A) The Permittee immediately takes all reasonable steps to correct the emergency situation and to minimize emissions; and
 - (B) Continued operation of the facilities is necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw materials of substantial economic value.

Any operation shall continue no longer than the minimum time required to prevent the situations identified in (g)(2)(B) of this condition.

B.14 Permit Shield [326 IAC 2-7-15]

- (a) This condition provides a permit shield as addressed in 326 IAC 2-7-15.
- (b) This permit shall be used as the primary document for determining compliance with applicable requirements established by previously issued permits. Compliance with the conditions of this permit shall be deemed in compliance with any applicable requirements as of the date of permit issuance, provided that:
 - (1) The applicable requirements are included and specifically identified in this permit; or
 - (2) The permit contains an explicit determination or concise summary of a determination that other specifically identified requirements are not applicable.
- (c) If, after issuance of this permit, it is determined that the permit is in nonconformance with an applicable requirement that applied to the source on the date of permit issuance, including any term or condition from a previously issued construction or operation permit, IDEM, OAM shall immediately take steps to reopen and revise this permit and issue a compliance order to the Permittee to ensure expeditious compliance with the applicable requirement until the permit is reissued. The permit shield shall continue in effect so long as the Permittee is in compliance with the compliance order.
- (d) No permit shield shall apply to any permit term or condition that is determined after issuance of this permit to have been based on erroneous information supplied in the permit application.
- (e) Nothing in 326 IAC 2-7-15 or in this permit shall alter or affect the following:
 - (1) The provisions of Section 303 of the Clean Air Act (emergency orders), including the authority of the U.S. EPA under Section 303 of the Clean Air Act;
 - (2) The liability of the Permittee for any violation of applicable requirements prior to or at the time of this permit's issuance;
 - (3) The applicable requirements of the acid rain program, consistent with Section 408(a) of the Clean Air Act; and
 - (4) The ability of U.S. EPA to obtain information from the Permittee under Section 114 of the Clean Air Act.
- (f) This permit shield is not applicable to any change made under 326 IAC 2-7-20(b)(2) (Sections 502(b)(10) of the Clean Air Act changes) and 326 IAC 2-7-20(c)(2) (trading based on State Implementation Plan (SIP) provisions).
- (g) This permit shield is not applicable to modifications eligible for group processing until after IDEM, OAM has issued the modifications. [326 IAC 2-7-12(c)(7)]
- (h) This permit shield is not applicable to minor Part 70 permit modifications until after IDEM, OAM has issued the modification. [326 IAC 2-7-12(b)(8)]

B.15 Multiple Exceedances [326 IAC 2-7-5(1)(E)]

Any exceedance of a permit limitation or condition contained in this permit, which occurs contemporaneously with an exceedance of an associated surrogate or operating parameter established to detect or assure compliance with that limit or condition, both arising out of the same act or occurrence, shall constitute a single potential violation of this permit.

B.16 Deviations from Permit Requirements and Conditions [326 IAC 2-7-5(3)(C)(ii)]

(a) Deviations from any permit requirements (for emergencies see Section B - Emergency Provisions), the probable cause of such deviations, and any response steps or preventive measures taken shall be reported to:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Management
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

within ten (10) calendar days from the date of the discovery of the deviation.

(b) A deviation is an exceedance of a permit limitation or a failure to comply with a requirement of the permit or a rule. It does not include:

- (1) An excursion from compliance monitoring parameters as identified in Section D of this permit unless tied to an applicable rule or limit; or
- (2) An emergency as defined in 326 IAC 2-7-1(12); or
- (3) Failure to implement elements of the Preventive Maintenance Plan unless lack of maintenance has caused or contributed to a deviation.
- (4) Failure to make or record information required by the compliance monitoring provisions of Section D unless such failure exceeds 5% of the required data in any calendar quarter.

A Permittee's failure to take the appropriate response step when an excursion of a compliance monitoring parameter has occurred is a deviation.

- (c) Written notification shall be submitted on the attached Emergency/Deviation Occurrence Reporting Form or its substantial equivalent. The notification does not need to be certified by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (d) Proper notice submittal under 326 IAC 2-7-16 satisfies the requirement of this subsection.

B.17 Permit Modification, Reopening, Revocation and Reissuance, or Termination [326 IAC 2-7-5(6)(C)] [326 IAC 2-7-8(a)] [326 IAC 2-7-9]

(a) This permit may be modified, reopened, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a Part 70 permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any condition of this permit. [326 IAC 2-7-5(6)(C)]

(b) This permit shall be reopened and revised under any of the circumstances listed in IC 13-15-7-2 or if IDEM, OAM determines any of the following:

- (1) That this permit contains a material mistake.
- (2) That inaccurate statements were made in establishing the emissions standards or other terms or conditions.
- (3) That this permit must be revised or revoked to assure compliance with an applicable requirement. [326 IAC 2-7-9(a)(3)]
- (c) Proceedings by IDEM, OAM to reopen and revise this permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of this permit for which cause to reopen exists. Such reopening and revision shall be made as expeditiously as practicable. [326 IAC 2-7-9(b)]
- (d) The reopening and revision of this permit, under 326 IAC 2-7-9(a), shall not be initiated before notice of such intent is provided to the Permittee by IDEM, OAM at least thirty (30) days in advance of the date this permit is to be reopened, except that IDEM, OAM may provide a shorter time period in the case of an emergency. [326 IAC 2-7-9(c)]

B.18 Permit Renewal [326 IAC 2-7-4]

- (a) The application for renewal shall be submitted using the application form or forms prescribed by IDEM, OAM and shall include the information specified in 326 IAC 2-7-4. Such information shall be included in the application for each emission unit at this source, except those emission units included on the trivial or insignificant activities list contained in 326 IAC 2-7-1(21) and 326 IAC 2-7-1(40).

Request for renewal shall be submitted to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Management
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

- (b) Timely Submittal of Permit Renewal [326 IAC 2-7-4(a)(1)(D)]
 - (1) A timely renewal application is one that is:
 - (A) Submitted at least nine (9) months prior to the date of the expiration of this permit; and
 - (B) If the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAM on or before the date it is due. [326 IAC 2-5-3]
 - (2) If IDEM, OAM upon receiving a timely and complete permit application, fails to issue or deny the permit renewal prior to the expiration date of this permit, this existing permit shall not expire and all terms and conditions shall continue in effect, including any permit shield provided in 326 IAC 2-7-15, until the renewal permit has been issued or denied.

- (c) Right to Operate After Application for Renewal [326 IAC 2-7-3]
If the Permittee submits a timely and complete application for renewal of this permit, the source's failure to have a permit is not a violation of 326 IAC 2-7 until IDEM, OAM takes final action on the renewal application, except that this protection shall cease to apply if, subsequent to the completeness determination, the Permittee fails to submit by the deadline specified in writing by IDEM, OAM any additional information identified as being needed to process the application.
- (d) United States Environmental Protection Agency Authority [326 IAC 2-7-8(e)]
If IDEM, OAM fails to act in a timely way on a Part 70 permit renewal, the U.S. EPA may invoke its authority under Section 505(e) of the Clean Air Act to terminate or revoke and reissue a Part 70 permit.

B.19 Permit Amendment or Modification [326 IAC 2-7-11] [326 IAC 2-7-12]

- (a) The Permittee must comply with the requirements of 326 IAC 2-7-11 or 326 IAC 2-7-12 whenever the Permittee seeks to amend or modify this permit.
- (b) Any application requesting an amendment or modification of this permit shall be submitted to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Management
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

Any such application should be certified by the "responsible official" as defined by 326 IAC 2-7-1(34) only if a certification is required by the terms of the applicable rule
- (c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-7-11(c)(3)]

B.20 Permit Revision Under Economic Incentives and Other Programs [326 IAC 2-7-5(8)] [326 IAC 2-7-12 (b)(2)]

- (a) No Part 70 permit revision shall be required under any approved economic incentives, marketable Part 70 permits, emissions trading, and other similar programs or processes for changes that are provided for in a Part 70 permit.
- (b) Notwithstanding 326 IAC 2-7-12(b)(1)(D)(i) and 326 IAC 2-7-12(c)(1), minor Part 70 permit modification procedures may be used for Part 70 modifications involving the use of economic incentives, marketable Part 70 permits, emissions trading, and other similar approaches to the extent that such minor Part 70 permit modification procedures are explicitly provided for in the applicable State Implementation Plan (SIP) or in applicable requirements promulgated or approved by the U.S. EPA.

B.21 Changes Under Section 502(b)(10) of the Clean Air Act [326 IAC 2-7-20(b)]

The Permittee may make Section 502(b)(10) of the Clean Air Act changes (this term is defined at 326 IAC 2-7-1(36)) without a permit revision, subject to the constraint of 326 IAC 2-7-20(a) and the following additional conditions:

- (a) For each such change, the required written notification shall include a brief description of the change within the source, the date on which the change will occur, any change in emissions, and any permit term or condition that is no longer applicable as a result of the change.
- (b) The permit shield, described in 326 IAC 2-7-15, shall not apply to any change made under 326 IAC 2-7-20(b).

B.22 Operational Flexibility [326 IAC 2-7-20]

- (a) The Permittee may make any change or changes at the source that are described in 326 IAC 2-7-20(b), (c), or (e), without a prior permit revision, if each of the following conditions is met:
 - (1) The changes are not modifications under any provision of Title I of the Clean Air Act;
 - (2) Any approval required by 326 IAC 2-1 has been obtained;
 - (3) The changes do not result in emissions which exceed the emissions allowable under this permit (whether expressed herein as a rate of emissions or in terms of total emissions);
 - (4) The Permittee notifies the:

Indiana Department of Environmental Management
Permits Branch, Office of Air Management
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

and

United States Environmental Protection Agency, Region V
Air and Radiation Division, Regulation Development Branch - Indiana (AR-18J)
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

in advance of the change by written notification at least ten (10) days in advance of the proposed change. The Permittee shall attach every such notice to the Permittee's copy of this permit; and
 - (5) The Permittee maintains records on-site which document, on a rolling five (5) year basis, all such changes and emissions trading that are subject to 326 IAC 2-7-20(b), (c), or (e) and makes such records available, upon reasonable request, for public review.

Such records shall consist of all information required to be submitted to IDEM, OAM in the notices specified in 326 IAC 2-7-20(b), (c)(1), and (e)(2).
- (b) For each such Section 502(b)(10) of the Clean Air Act change, the required written notification shall include the following:

- (1) A brief description of the change within the source;
- (2) The date on which the change will occur;
- (3) Any change in emissions; and
- (4) Any permit term or condition that is no longer applicable as a result of the change.

The notification which shall be submitted by the Permittee does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (c) Emission Trades [326 IAC 2-7-20(c)]
The Permittee may trade increases and decreases in emissions in the source, where the applicable SIP provides for such emission trades without requiring a permit revision, subject to the constraints of Section (a) of this condition and those in 326 IAC 2-7-20(c).
- (d) Alternative Operating Scenarios [326 IAC 2-7-20(d)]
The Permittee may make changes at the source within the range of alternative operating scenarios that are described in the terms and conditions of this permit in accordance with 326 IAC 2-7-5(9). No prior notification of IDEM, OAM, or U.S. EPA is required.
- (e) Backup fuel switches specifically addressed in, and limited under, Section D of this permit shall not be considered alternative operating scenarios. Therefore, the notification requirements of part (a) of this condition do not apply.

B.23 Construction Permit Requirement [326 IAC 2]

Except as allowed by Indiana P.L. 130-1996 Section 12, as amended by P.L. 244-1997, modification, construction, or reconstruction shall be approved as required by and in accordance with 326 IAC 2.

B.24 Inspection and Entry [326 IAC 2-7-6(2)]

Upon presentation of proper identification cards, credentials, and other documents as may be required by law, the Permittee shall allow IDEM, OAM, U.S. EPA, or an authorized representative to perform the following:

- (a) Enter upon the Permittee's premises where a Part 70 source is located, or emissions related activity is conducted, or where records must be kept under the conditions of this permit;
- (b) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
- (c) Inspect, at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit;
- (d) Sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with this permit or applicable requirements; and
- (e) Utilize any photographic, recording, testing, monitoring, or other equipment for the purpose of assuring compliance with this permit or applicable requirements.
[326 IAC 2-7-6(6)]

- (1) The Permittee may assert a claim that, in the opinion of the Permittee, information removed or about to be removed from the source by IDEM, OAM or an authorized representative, contains information that is confidential under IC 5-14-3-4(a). The claim shall be made in writing before or at the time the information is removed from the source. In the event that a claim of confidentiality is so asserted, neither IDEM, OAM nor an authorized representative, may disclose the information unless and until IDEM, OAM makes a determination under 326 IAC 17-1-7 through 326 IAC 17-1-9 that the information is not entitled to confidential treatment and that determination becomes final. [IC 5-14-3-4; IC 13-14-11-3; 326 IAC 17-1-7 through 326 IAC 17-1-9]
- (2) The Permittee, and IDEM, OAM acknowledge that the federal law applies to claims of confidentiality made by the Permittee with regard to information removed or about to be removed from the source by U.S. EPA. [40 CFR Part 2, Subpart B]

B.25 Transfer of Ownership or Operation [326 IAC 2-1-6] [326 IAC 2-7-11]

Pursuant to 326 IAC 2-1-6 and 326 IAC 2-7-11:

- (a) In the event that ownership of this source is changed, the Permittee shall notify IDEM, OAM, Permits Branch within thirty (30) days of the change. Notification shall include a written agreement containing a specific date for transfer of permit responsibility, coverage, and liability between the Permittee and the new owner.
- (b) The written notification shall be sufficient to transfer the permit to the new owner by an administrative amendment pursuant to 326 IAC 2-7-11. The notification which shall be submitted by the Permittee does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (c) IDEM, OAM shall reserve the right to issue a new permit.

B.26 Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-7-5(7)]

- (a) The Permittee shall pay annual fees to IDEM, OAM, within thirty (30) calendar days of receipt of a billing. If the Permittee does not receive a bill from IDEM, OAM the applicable fee is due April 1 of each year.
- (b) Failure to pay may result in administrative enforcement action, or revocation of this permit.
- (c) The Permittee may call the following telephone numbers: 1-800-451-6027 or 317-233-0425 (ask for OAM, Technical Support and Modeling Section), to determine the appropriate permit fee.

SECTION C SOURCE OPERATION CONDITIONS

Entire Source

Emission Limitations and Standards [326 IAC 2-7-5(1)]

C.1 Particulate Matter Emission Limitations For Processes with Process Weight Rates Less Than One Hundred (100) pounds per hour [326 IAC 6-3-2(c)]

Pursuant to 326 IAC 6-3-2(c), the allowable particulate matter emissions rate from any process not already regulated by 326 IAC 6-1 or any New Source Performance Standard, and which has a maximum process weight rate less than 100 pounds per hour shall not exceed 0.551 pounds per hour.

C.2 Opacity [326 IAC 5-1]

Pursuant to 326 IAC 5-1-2 (Opacity Limitations), except as provided in 326 IAC 5-1-3 (Temporary Exemptions), opacity shall meet the following, unless otherwise stated in this permit:

- (a) Opacity shall not exceed an average of forty percent (40%) in any one (1) six minute averaging period, as determined in 326 IAC 5-1-4.
- (b) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.

C.3 Open Burning [326 IAC 4-1] [IC 13-17-9]

The Permittee shall not open burn any material except as provided in 326 IAC 4-1-3, 326 IAC 4-1-4 or 326 IAC 4-1-6. The previous sentence notwithstanding, the Permittee may open burn in accordance with an open burning approval issued by the Commissioner under 326 IAC 4-1-4.1. 326 IAC 4-1-3(a)(2)(A) and (B) are not federally enforceable.

C.4 Incineration [326 IAC 4-2][326 IAC 9-1-2]

The Permittee shall not operate an incinerator or incinerate any waste or refuse except as provided in 326 IAC 4-2 and 326 IAC 9-1-2.

C.5 Fugitive Dust Emissions [326 IAC 6-4]

The Permittee shall not allow fugitive dust to escape beyond the property line or boundaries of the property, right-of-way, or easement on which the source is located, in a manner that would violate 326 IAC 6-4 (Fugitive Dust Emissions). 326 IAC 6-4-2(4) is not federally enforceable.

C.6 Operation of Equipment [326 IAC 2-7-6(6)]

All air pollution control equipment listed in this permit and used to comply with an applicable requirement shall be operated at all times that the emission units vented to the control equipment are in operation.

C.7 Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18] [40 CFR 61.140]

- (a) Notification requirements apply to each owner or operator. If the combined amount of regulated asbestos containing material (RACM) to be stripped, removed or disturbed is at least 260 linear feet on pipes or 160 square feet on other facility components, or at least thirty-five (35) cubic feet on all facility components, then the notification requirements of 326 IAC 14-10-3 are mandatory. All demolition projects require notification whether or not asbestos is present.

- (b) The Permittee shall ensure that a written notification is sent on a form provided by the Commissioner at least ten (10) working days before asbestos stripping or removal work or before demolition begins, per 326 IAC 14-10-3, and shall update such notice as necessary, including, but not limited to the following:
 - (1) When the amount of affected asbestos containing material increases or decreases by at least twenty percent (20%); or
 - (2) If there is a change in the following:
 - (A) Asbestos removal or demolition start date;
 - (B) Removal or demolition contractor; or
 - (C) Waste disposal site.
- (c) The Permittee shall ensure that the notice is postmarked or delivered according to the guidelines set forth in 326 IAC 14-10-3(2).
- (d) The notice to be submitted shall include the information enumerated in 326 IAC 14-10-3(3).

All required notifications shall be submitted to:

Indiana Department of Environmental Management
Asbestos Section, Office of Air Management
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

The notifications do not require a certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (e) Procedures for Asbestos Emission Control
The Permittee shall comply with the emission control procedures in 326 IAC 14-10-4 and 40 CFR 61.145(c). Per 326 IAC 14-10-4 emission control requirements are mandatory for any removal or disturbance of RACM greater than three (3) linear feet on pipes or three (3) square feet on any other facility components or a total of at least 0.75 cubic feet on all facility components.
- (f) Indiana Accredited Asbestos Inspector
The Permittee shall comply with 326 IAC 14-10-1(a) that requires the owner or operator, prior to a renovation/demolition, to use an Indiana Accredited Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos. The requirement that the inspector be accredited is federally enforceable.

Testing Requirements [326 IAC 2-7-6(1)]

C.8 Performance Testing [326 IAC 3-6]

- (a) All testing shall be performed according to the provisions of 326 IAC 3-6 (Source Sampling Procedures), except as provided elsewhere in this permit, utilizing methods approved by IDEM, OAM.

A test protocol, except as provided elsewhere in this permit, shall be submitted to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Management
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

no later than thirty-five (35) days prior to the intended test date. The Permittee shall submit a notice of the actual test date to the above address so that it is received at least two weeks prior to the test date.

- (b) All test reports must be received by IDEM, OAM within forty-five (45) days after the completion of the testing. An extension may be granted by the Commissioner, if the source submits to IDEM, OAM, a reasonable written explanation within five (5) days prior to the end of the initial forty-five (45) day period.

The documentation submitted by the Permittee does not require certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

Compliance Monitoring Requirements [326 IAC 2-7-5(1)] [326 IAC 2-7-6(1)]

C.9 Compliance Schedule [326 IAC 2-7-6(3)]

The Permittee:

- (a) Has certified that all facilities at this source are in compliance with all applicable requirements; and
- (b) Has submitted a statement that the Permittee will continue to comply with such requirements; and
- (c) Will comply with such applicable requirements that become effective during the term of this permit.

C.10 Compliance Monitoring [326 IAC 2-7-5(3)] [326 IAC 2-7-6(1)]

Compliance with applicable requirements shall be documented as required by this permit. The Permittee shall be responsible for installing any necessary equipment and initiating any required monitoring related to that equipment, no more than ninety (90) days after receipt of this permit. If due to circumstances beyond its control, this schedule cannot be met, the Permittee may extend compliance schedule an additional ninety (90) days provided the Permittee notifies:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Management
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

in writing, prior to the end of the initial ninety (90) day compliance schedule, with full justification of the reasons for the inability to meet this date.

The notification which shall be submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

C.11 Maintenance of Monitoring Equipment [326 IAC 2-7-5(3)(A)(iii)]

- (a) In the event that a breakdown of the monitoring equipment occurs, a record shall be made of the times and reasons of the breakdown and efforts made to correct the problem. To the extent practicable, supplemental or intermittent monitoring of the parameter should be implemented at intervals no less frequent than required in Section D of this permit until such time as the monitoring equipment is back in operation. In the case of continuous monitoring, supplemental or intermittent monitoring of the parameter should be implemented at intervals no less than one (1) hour until such time as the continuous monitor is back in operation.
- (b) The Permittee shall install, calibrate, quality assure, maintain, and operate all necessary monitors and related equipment. In addition, prompt corrective action shall be initiated whenever indicated.

C.12 Monitoring Methods [326 IAC 3]

Any monitoring or testing performed to meet the applicable requirements of this permit shall be performed according to the provisions of 326 IAC 3, 40 CFR 60, Appendix A, or other approved methods as specified in this permit.

C.13 Temperature Gauge Specifications

Whenever a condition in this permit requires the measurement of temperature across any part of the unit or its control device, the gauge employed shall have a scale such that the expected normal reading shall be no less than twenty percent (20%) of full scale and be accurate within plus or minus two percent ($\pm 2\%$) of full scale reading.

Corrective Actions and Response Steps [326 IAC 2-7-5] [326 IAC 2-7-6]

C.14 Emergency Reduction Plans [326 IAC 1-5-2] [326 IAC 1-5-3]

Pursuant to 326 IAC 1-5-2 (Emergency Reduction Plans; Submission):

- (a) The Permittee prepared and submitted written emergency reduction plans (ERPs) consistent with safe operating procedures on December 12, 1996 with the Part 70 Permit application.
- (b) If the ERP is disapproved by IDEM, OAM the Permittee shall have an additional thirty (30) days to resolve the differences and submit an approvable ERP.
- (c) These ERPs shall state those actions that will be taken, when each episode level is declared, to reduce or eliminate emissions of the appropriate air pollutants.
- (d) Said ERPs shall also identify the sources of air pollutants, the approximate amount of reduction of the pollutants, and a brief description of the manner in which the reduction will be achieved.
- (e) Upon direct notification by IDEM, OAM that a specific air pollution episode level is in effect, the Permittee shall immediately put into effect the actions stipulated in the approved ERP for the appropriate episode level.
[326 IAC 1-5-3]

C.15 Risk Management Plan [326 IAC 2-7-5(12)] [40 CFR 68.215]

If a regulated substance, subject to 40 CFR 68, is present in a process in more than the threshold quantity, 40 CFR 68 is an applicable requirement and the Permittee shall:

- (a) Submit:
- (1) A compliance schedule for meeting the requirements of 40 CFR 68 by the date provided in 40 CFR 68.10(a); or
 - (2) As a part of the compliance certification submitted under 326 IAC 2-7-6(5), a certification statement that the source is in compliance with all the requirements of 40 CFR 68, including the registration and submission of a Risk Management Plan (RMP); and
 - (3) A verification to IDEM, OAM that a RMP or a revised plan was prepared and submitted as required by 40 CFR 68.
- (b) Provide annual certification to IDEM, OAM that the Risk Management Plan is being properly implemented.

All documents submitted pursuant to this condition shall include the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

C.16 Compliance Monitoring Plan - Failure to Take Response Steps [326 IAC 2-7-5][326 IAC 2-7-6]
[326 IAC 1-6]

- (a) The Permittee is required to implement a compliance monitoring plan to ensure that reasonable information is available to evaluate its continuous compliance with applicable requirements. This compliance monitoring plan is comprised of:
- (1) This condition;
 - (2) The Compliance Determination Requirements in Section D of this permit;
 - (3) The Compliance Monitoring Requirements in Section D of this permit;
 - (4) The Record Keeping and Reporting Requirements in Section C (Monitoring Data Availability, General Record Keeping Requirements, and General Reporting Requirements) and in Section D of this permit; and
 - (5) A Compliance Response Plan (CRP) for each compliance monitoring condition of this permit. CRP's shall be submitted to IDEM, OAM upon request and shall be subject to review and approval by IDEM, OAM. The CRP shall be prepared within ninety (90) days after issuance of this permit by the Permittee and maintained on site, and is comprised of :
 - (A) Response steps that will be implemented in the event that compliance related information indicates that a response step is needed pursuant to the requirements of Section D of this permit; and
 - (B) A time schedule for taking such response steps including a schedule for devising additional response steps for situations that may not have been predicted.

- (b) For each compliance monitoring condition of this permit, appropriate response steps shall be taken when indicated by the provisions of that compliance monitoring condition. Failure to perform the actions detailed in the compliance monitoring conditions or failure to take the response steps within the time prescribed in the Compliance Response Plan, shall constitute a violation of the permit unless taking the response steps set forth in the Compliance Response Plan would be unreasonable.
- (c) After investigating the reason for the excursion, the Permittee is excused from taking further response steps for any of the following reasons:
 - (1) The monitoring equipment malfunctioned, giving a false reading. This shall be an excuse from taking further response steps providing that prompt action was taken to correct the monitoring equipment.
 - (2) The Permittee has determined that the compliance monitoring parameters established in the permit conditions are technically inappropriate, has previously submitted a request for an administrative amendment to the permit, and such request has not been denied or;
 - (3) An automatic measurement was taken when the process was not operating; or
 - (4) The process has already returned to operating within "normal" parameters and no response steps are required.
- (d) Records shall be kept of all instances in which the compliance related information was not met and of all response steps taken. In the event of an emergency, the provisions of 326 IAC 2-7-16 (Emergency Provisions) requiring prompt corrective action to mitigate emissions shall prevail.

C.17 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-7-5]
[326 IAC 2-7-6]

- (a) When the results of a stack test performed in conformance with Section C - Performance Testing, of this permit exceed the level specified in any condition of this permit, the Permittee shall take appropriate corrective actions. The Permittee shall submit a description of these corrective actions to IDEM, OAM, within thirty (30) days of receipt of the test results. The Permittee shall take appropriate action to minimize emissions from the affected facility while the corrective actions are being implemented. IDEM, OAM shall notify the Permittee within thirty (30) days, if the corrective actions taken are deficient. The Permittee shall submit a description of additional corrective actions taken to IDEM, OAM within thirty (30) days of receipt of the notice of deficiency. IDEM, OAM reserves the authority to use enforcement activities to resolve noncompliant stack tests.
- (b) A retest to demonstrate compliance shall be performed within one hundred twenty (120) days of receipt of the original test results. Should the Permittee demonstrate to IDEM, OAM that retesting in one-hundred and twenty (120) days is not practicable, IDEM, OAM may extend the retesting deadline. Failure of the second test to demonstrate compliance with the appropriate permit conditions may be grounds for immediate revocation of the permit to operate the affected facility.

The documents submitted pursuant to this condition do not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

C.18 Emission Statement [326 IAC 2-7-5(3)(C)(iii)][326 IAC 2-7-5(7)][326 IAC 2-7-19(c)][326 IAC 2-6]

- (a) The Permittee shall submit an annual emission statement certified pursuant to the requirements of 326 IAC 2-6, that must be received by July 1 of each year and must comply with the minimum requirements specified in 326 IAC 2-6-4. The annual emission statement shall meet the following requirements:
 - (1) Indicate actual emissions of criteria pollutants from the source, in compliance with 326 IAC 2-6 (Emission Reporting);
 - (2) Indicate actual emissions of other regulated pollutants (non-VOC HAPs) from the source, for purposes of Part 70 fee assessment.
- (b) The annual emission statement covers the twelve (12) consecutive month time period starting January 1 and ending December 31. The annual emission statement must be submitted to:

Indiana Department of Environmental Management
Technical Support and Modeling Section, Office of Air Management
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015
- (c) The annual emission statement required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAM on or before the date it is due.

C.19 Monitoring Data Availability [326 IAC 2-7-6(1)] [326 IAC 2-7-5(3)]

- (a) With the exception of performance tests conducted in accordance with Section C-Performance Testing, all observations, sampling, maintenance procedures, and record keeping, required as a condition of this permit shall be performed at all times the equipment is operating at normal representative conditions.
- (b) As an alternative to the observations, sampling, maintenance procedures, and record keeping of subsection (a) above, when the equipment listed in Section D of this permit is not operating, the Permittee shall either record the fact that the equipment is shut down or perform the observations, sampling, maintenance procedures, and record keeping that would otherwise be required by this permit.
- (c) If the equipment is operating but abnormal conditions prevail, additional observations and sampling should be taken with a record made of the nature of the abnormality.
- (d) If for reasons beyond its control, the operator fails to make required observations, sampling, maintenance procedures, or record keeping, reasons for this must be recorded.
- (e) At its discretion, IDEM may excuse such failure providing adequate justification is documented and such failures do not exceed five percent (5%) of the operating time in any quarter.

- (f) Temporary, unscheduled unavailability of staff qualified to perform the required observations, sampling, maintenance procedures, or record keeping shall be considered a valid reason for failure to perform the requirements stated in (a) above.

C.20 General Record Keeping Requirements [326 IAC 2-7-5(3)][326 IAC 2-7-6]

- (a) Records of all required monitoring data and support information shall be retained for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. These records shall be kept at the source location for a minimum of three (3) years and available upon the request of an IDEM, OAM representative, for a minimum of three (3) years. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner (or local agency) makes a written request for records to the Permittee, the Permittee shall furnish the records to the Commissioner or local agency within a reasonable time.
- (b) Records of required monitoring information shall include, where applicable:
 - (1) The date, place, and time of sampling or measurements;
 - (2) The dates analyses were performed;
 - (3) The company or entity performing the analyses;
 - (4) The analytic techniques or methods used;
 - (5) The results of such analyses; and
 - (6) The operating conditions existing at the time of sampling or measurement.
- (c) Support information shall include, where applicable:
 - (1) Copies of all reports required by this permit;
 - (2) All original strip chart recordings for continuous monitoring instrumentation;
 - (3) All calibration and maintenance records;
 - (4) Records of preventive maintenance shall be sufficient to demonstrate that improper maintenance did not cause or contribute to a violation of any limitation on emissions or potential to emit. To be relied upon subsequent to any such violation, these records may include, but are not limited to: work orders, parts inventories, and operator's standard operating procedures. Records of response steps taken shall indicate whether the response steps were performed in accordance with the Compliance Response Plan required by Section C - Compliance Monitoring Plan - Failure to take Response Steps, of this permit, and whether a deviation from a permit condition was reported. All records shall briefly describe what maintenance and response steps were taken and indicate who performed the tasks.
- (d) All record keeping requirements not already legally required shall be implemented within ninety (90) days of permit issuance.

C.21 General Reporting Requirements [326 IAC 2-7-5(3)(C)]

- (a) To affirm that the source has met all the compliance monitoring requirements stated in this permit the source shall submit a Semi-annual Compliance Monitoring Report. Any deviation from the requirements and the date(s) of each deviation must be reported.
- (b) The report required in (a) of this condition and reports required by conditions in Section D of this permit shall be submitted to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Management
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015
- (c) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAM on or before the date it is due.
- (d) Unless otherwise specified in this permit, any semi-annual report shall be submitted within thirty (30) days of the end of the reporting period.
- (e) All instances of deviations as described in Section B- Deviations from Permit Requirements Conditions must be clearly identified in such reports.
- (f) Any corrective actions or response steps taken as a result of each deviation must be clearly identified in such reports.
- (g) The first report shall cover the period commencing on the date of issuance of this permit and ending on the last day of the reporting period.

The documents submitted pursuant to this condition do not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

Stratospheric Ozone Protection

C.22 Compliance with 40 CFR 82 and 326 IAC 22-1

Pursuant to 40 CFR 82 (Protection of Stratospheric Ozone), Subpart F, except as provided for motor vehicle air conditioners in Subpart B, the Permittee shall comply with the standards for recycling and emissions reduction:

- (a) Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156.
- (b) Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158.
- (c) Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161.

SECTION D.1 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]

- (1) One (1) Cleaver Brooks natural gas fueled boiler, constructed in December 1996, identified as Boiler, with a maximum heat input capacity of 12.56 million British thermal units per hour (mmBtu/hr), exhausting to one (1) stack (22);
- (2) One (1) Line 3 natural gas fueled air make-up unit, constructed in June 1992, identified as Air Make-up, with a maximum heat input capacity of 12.96 million British thermal units per hour (mmBtu/hr);

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.1.1 Particulate Matter (PM) [326 IAC 6-2-4]

Pursuant to 326 IAC 6-2-4 (Particulate Emission Limitations for Sources of Indirect Heating), the particulate matter emissions from the 12.56 million British thermal unit per hour natural gas fired boiler shall be limited to 0.56 pounds per million British thermal unit heat input. This limit is calculated by the following equation:

$$Pt = 1.09 / Q^{0.26}$$

where:

Pt = Pounds of particulate matter emitted per million Btu (lb/mmBtu) heat input.

Q = Total source maximum operating capacity rating in million Btu per hour (mmBtu/hr) heat input. The maximum operating capacity rating is defined as the maximum capacity at which the facility is operated or the nameplate capacity, whichever is specified in the facility's permit application, except when some lower capacity is contained in the facility's operation permit; in which case, the capacity specified in the operation permit shall be used.

Compliance Determination Requirements

D.1.2 Testing Requirements [326 IAC 2-7-6(1),(6)]

The Permittee is not required to test this facility by this permit. However, IDEM may require compliance testing at any specific time when necessary to determine if the facility is in compliance. If testing is required by IDEM, compliance with the particulate matter (PM) limit specified in Condition D.1.1 shall be determined by a performance test conducted in accordance with Section C - Performance Testing.

Compliance Monitoring Requirements [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)]

D.1.3 Monitoring

Monitoring of these facilities is not required by this permit. However, any change or modification to these facilities as specified in 326 IAC 2-1 may require these facilities to have monitoring requirements.

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

D.1.4 Record Keeping Requirements

Pursuant to this 40 CFR 60.40c, Subpart Dc, the Permittee shall record and maintain records of the amounts of fuel combusted from the one (1) 12.56 mmBtu/hr natural gas fired boiler during each day for a period of two years following the date of such record.

D.1.5 Natural Gas Fired Boiler Certification

An annual certification shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, using the Natural Gas Fired Boiler Certification form located at the end of this permit, or its equivalent, no later than April 15 of each year for the one (1) 12.56 million British thermal unit per hour (mmBtu/hr) natural gas fired boiler.

SECTION D.2 FACILITY OPERATION CONDITIONS

Facility Description 326 IAC 2-7-5(15)]

- (3) One (1) metal and vinyl coil coating line, identified as Line 2, with maximum capacity of 44,812 pounds metal per hour, using one (1) thermal afterburner as control consisting of the following equipment:
- (A) One (1) Wet Section and Brush, constructed in 1964, exhausting to one (1) stack (1);
 - (B) Cooling Towers, constructed in October 1993, exhausting to one (1) stack (2);
 - (C) Cooling Towers, constructed in October 1993, exhausting to one (1) stack (3);
 - (D) One (1) Afterburner stack, constructed in September 1995, identified as 4A;
 - (E) One (1) Afterburner Bypass stack, constructed in September 1995, identified as 4B;
 - (F) One (1) Prime coater room, constructed in 1964, method of application is rollcoating, exhausting to one (1) stack (5);
 - (G) One (1) Finish coater room, constructed in 1964, method of application is rollcoating, exhausting to one (1) stack (6);
 - (H) One (1) Finish quench, constructed in 1964, exhausting to one (1) stack (7); and
 - (I) One (1) Air Knife exhaust, constructed in 1964, identified as 20.
- (4) One (1) metal coil coating line, constructed in 1968, identified as Line 3, with maximum capacity of 57,105 pounds metal per hour, using one (1) thermal afterburner as control, consisting of the following equipment:
- (A) One (1) preclean wet section, exhausting to one (1) stack (11);
 - (B) One (1) wet section exhaust, identified as 12;
 - (C) One (1) prime and finish coater, method of application is rollcoating, exhausting to one (1) stack (13);
 - (D) One (1) waste heat fired boiler bypass (prime) and afterburner, exhausting to one (1) stack (14A);
 - (E) One (1) boiler and afterburner stack (prime), identified as 14B;
 - (F) One (1) waste heat fired boiler bypass (finish), exhausting to one (1) stack (15A);
 - (G) One (1) boiler stack (finish), identified as 15B;
 - (H) One (1) prime quench, exhausting to one (1) stack (16);
 - (I) One (1) finish quench, exhausting to one (1) stack (17);
 - (J) Cooling towers, exhausting to one (1) stack (18);
 - (K) Cooling towers, exhausting to one (1) stack (19);
 - (L) One (1) air knife exhaust, identified as 21;

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.2.1 Volatile Organic Compound (VOC) [326 IAC 8-2-4]

- (a) Pursuant to 326 IAC 8-2-4 (Coil Coating Operations), no owner or operator of a facility engaged in the surface coating of metal or vinyl coils may cause, allow or permit the discharge into the atmosphere of any volatile organic compound in excess of 2.6 pounds of VOC per gallon of coating, excluding water, delivered to the coating applicator.
- (b) When operating the thermal oxidizer to achieve the limit for 326 IAC 8-2-4, 2.6 pounds of VOC emitted to the atmosphere per gallon of coating less water delivered to the applicator, the thermal oxidizer shall maintain a minimum 95% capture efficiency and 95% destruction efficiency. These efficiencies and the use of thermal oxidizer are required by 326 IAC 8-1-2(a)(2). Based upon 326 IAC 8-1-2(c) and the overall control efficiency of 90%, the VOC content of the coating shall not exceed 40.2 pounds per gallon of coating solids delivered to the applicator.

D.2.2 Volatile Organic Compound (VOC) [40 CFR 60.460, Subpart TT] [40 CFR 60.580, Subpart FFF]

- (a) Pursuant to this 40 CFR 60.460, Subpart TT, the metal coil coating operation identified as Line 2, shall utilize thermal incineration as a means of controlling VOC emissions shall achieve a minimum overall efficiency of 90% or shall not discharge into the atmosphere, in excess of 1.15 pounds of VOC per gallon of coating solids applied.
- (b) The requirement in (a) of this condition shall also satisfy the requirements of the New Source Performance Standard, 326 IAC 12, (40 CFR 60.580, Subpart FFF) when coating flexible vinyl products.

D.2.3 Particulate Matter (PM) [326 IAC 6-3-2]

Pursuant to 326 IAC 6-3-2 (Process Operations), the particulate matter (PM) from Line 2 and Line 3 shall be limited by the following:

Interpolation and extrapolation of the data for the process weight rate up to sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:

$$E = 4.10 P^{0.67} \quad \text{where } E = \text{rate of emission in pounds per hour and} \\ P = \text{process weight rate in tons per hour}$$

D.2.4 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for these facilities and its control device.

Compliance Determination Requirements

D.2.5 Testing Requirements [326 IAC 2-7-6(1),(6)]

During the period between 30 and 36 months after issuance of this permit, the Permittee shall perform VOC testing using coatings that are equal to or greater than ninety-five percent (95%) of worst cast potential Volatile Organic Compound (VOC) emissions utilizing Method 25 (40 CFR 60, Appendix A), or other methods as approved by the Commissioner for both Lines 2 and 3. This test shall be repeated at least once every five (5) years from the date of this valid compliance demonstration. In addition to these requirements, IDEM may require compliance testing when necessary to determine if the facility is in compliance.

D.2.6 Volatile Organic Compound (VOC)

Pursuant to Construction Permit (CP 059-4512-00002), issued on October 4, 1995, the thermal incinerators for VOC control shall be in operation at all times when the two (2) metal coil coating operations are in operation and exhausting to the outside atmosphere.

D.2.7 Volatile Organic Compounds (VOC)

Compliance with the VOC content and usage limitations contained in Conditions D.2.1 and D.2.2 shall be determined pursuant to 326 IAC 8-1-4(a)(3) and 326 IAC 8-1-2(a) using formulation data supplied by the coating manufacturer. IDEM, OAM reserves the authority to determine compliance using Method 24 in conjunction with the analytical procedures specified in 326 IAC 8-1-4.

Compliance Monitoring Requirements [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)]

D.2.8 Thermal Incinerator

- (a) The enclosure rooms, the capture systems, and the capture systems' fans measuring and recording devices shall be operating properly at all times during actual coating operations (i.e. when coating contains VOC), at an electrical current across each fan that has been demonstrated to maintain an average facial velocity of at least 200 feet per minute across all natural draft openings. All doors and windows not classified as natural draft openings shall remain closed at all times during actual coating operations.
- (b) The thermal oxidation unit and the unit's measuring and recording devices shall be operating properly at all times during actual coating operations (i.e. when coating contains VOC), at a minimum operating temperature that has been demonstrated by compliance tests to achieve a minimum 90% overall control efficiency.

Record Keeping and Reporting Requirement [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

D.2.9 Record Keeping Requirements

- (a) To document compliance with Conditions D.2.1 and D.2.2, the Permittee shall maintain records in accordance with (1) through (6) below. Records maintained for (1) through (6) shall be taken monthly and shall be complete and sufficient to establish compliance with the VOC usage limits and/or the VOC emission limits established in Conditions D.2.1 and D.2.2.
 - (1) The amount and VOC content of each coating material and solvent used. Records shall include purchase orders, invoices, material safety data sheets (MSDS), and technical data sheets necessary to verify the type and amount used. Solvent usage records shall differentiate between those added to coatings and those used as cleanup solvents;
 - (2) A log of the dates of use;
 - (3) The volume weighted VOC content of the coatings used for each month;
 - (4) The cleanup solvent usage for each month;
 - (5) The total VOC usage for each month; and
 - (6) The weight of VOCs emitted for each compliance period.
- (b) To document compliance with Condition D.2.8, the Permittee shall maintain a daily log of thermal incinerator operating temperatures.
- (c) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR MANAGEMENT
COMPLIANCE DATA SECTION**

**PART 70 OPERATING PERMIT
CERTIFICATION**

Source Name: Roll Coater, Inc.
Source Address: 1950 East Main Street, Greenfield, Indiana 46140
Mailing Address: P.O. Box 787, Greenfield, Indiana 46140
Part 70 Permit No.: T059-7584-00002

This certification shall be included when submitting monitoring, testing reports/results or other documents as required by this permit.

Please check what document is being certified:

9 Annual Compliance Certification Letter

9 Test Result (specify) _____

9 Report (specify) _____

9 Notification (specify) _____

9 Other (specify) _____

I certify that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

Signature:

Printed Name:

Title/Position:

Date:

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR MANAGEMENT
COMPLIANCE DATA SECTION
P.O. Box 6015
100 North Senate Avenue
Indianapolis, Indiana 46206-6015
Phone: 317-233-5674
Fax: 317-233-5967**

**PART 70 OPERATING PERMIT
EMERGENCY/DEVIATION OCCURRENCE REPORT**

Source Name: Roll Coater, Inc.
Source Address: 1950 East Main Street, Greenfield, Indiana 46140
Mailing Address: P.O. Box 787, Greenfield, Indiana 46140
Part 70 Permit No.: T059-7584-00002

This form consists of 2 pages

Page 1 of 2

Check either No. 1 or No.2	
9	1. This is an emergency as defined in 326 IAC 2-7-1(12) C The Permittee must notify the Office of Air Management (OAM), within four (4) business hours (1-800-451-6027 or 317-233-5674, ask for Compliance Section); and C The Permittee must submit notice in writing or by facsimile within two (2) days (Facsimile Number: 317-233-5967), and follow the other requirements of 326 IAC 2-7-16
9	2. This is a deviation, reportable per 326 IAC 2-7-5(3)(c) C The Permittee must submit notice in writing within ten (10) calendar days

If any of the following are not applicable, mark N/A

Facility/Equipment/Operation:
Control Equipment:
Permit Condition or Operation Limitation in Permit:
Description of the Emergency/Deviation:
Describe the cause of the Emergency/Deviation:

If any of the following are not applicable, mark N/A

Page 2 of 2

Date/Time Emergency/Deviation started:
Date/Time Emergency/Deviation was corrected:
Was the facility being properly operated at the time of the emergency/deviation? Y N Describe:
Type of Pollutants Emitted: TSP, PM-10, SO ₂ , VOC, NO _x , CO, Pb, other:
Estimated amount of pollutant(s) emitted during emergency/deviation:
Describe the steps taken to mitigate the problem:
Describe the corrective actions/response steps taken:
Describe the measures taken to minimize emissions:
If applicable, describe the reasons why continued operation of the facilities are necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw materials of substantial economic value:

Form Completed by: _____
Title / Position: _____
Date: _____
Phone: _____

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR MANAGEMENT
COMPLIANCE DATA SECTION**

**PART 70 OPERATING PERMIT
NATURAL GAS FIRED BOILER CERTIFICATION**

Source Name: Roll Coater, Inc.
Source Address: 1950 East Main Street, Greenfield, Indiana 46140
Mailing Address: P.O. Box 787, Greenfield, Indiana 46140
Part 70 Permit No.: T059-7584-00002

**This certification shall be included when submitting monitoring, testing reports/results
or other documents as required by this permit.**

Report period

Beginning: _____

Ending: _____

Alternate Fuel

Days burning alternate fuel

From

To

I certify that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

Signature:

Printed Name:

Title/Position:

Date:

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF AIR MANAGEMENT
 COMPLIANCE DATA SECTION**

**PART 70 OPERATING PERMIT
 SEMI-ANNUAL COMPLIANCE MONITORING REPORT**

Source Name: Roll Coater, Inc.
 Source Address: 1950 East Main Street, Greenfield, Indiana, 46140
 Mailing Address: P.O. Box 787, Greenfield, Indiana 46140
 Part 70 Permit No.: T059-7584-00002

Months: _____ **to** _____ **Year:** _____

This report is an affirmation that the source has met all the compliance monitoring requirements stated in this permit. This report shall be submitted semi-annually. Any deviation from the compliance monitoring requirements and the date(s) of each deviation must be reported. Additional pages may be attached if necessary. This form can be supplemented by attaching the Emergency/Deviation Occurrence Report. If no deviations occurred, please specify in the box marked "No deviations occurred this reporting period".

9 NO DEVIATIONS OCCURRED THIS REPORTING PERIOD

9 THE FOLLOWING DEVIATIONS OCCURRED THIS REPORTING PERIOD.

Compliance Monitoring Requirement (e.g. Permit Condition D.1.3)	Number of Deviations	Date of each Deviation

Form Completed By: _____
 Title/Position: _____
 Date: _____
 Phone: _____

Attach a signed certification to complete this report.

Indiana Department of Environmental Management Office of Air Management

Technical Support Document (TSD) for a Part 70 Operating Permit

Source Background and Description

Source Name: Roll Coater, Inc.
Source Location: 1950 East Main Street, Greenfield, Indiana 46140
County: Hancock
SIC Code: 3479
Operation Permit No.: T059-7584-00002
Permit Reviewer: Cathie Moore

The Office of Air Management (OAM) has reviewed a Part 70 permit application from Roll Coater, Inc. relating to the operation of a coil coating operation.

Permitted Emission Units and Pollution Control Equipment

The source consists of the following permitted emission units and pollution control devices:

- (1) One (1) Cleaver Brooks natural gas fueled boiler, constructed in December 1996, identified as Boiler, with a maximum heat input capacity of 12.56 million British thermal units per hour (mmBtu/hr), exhausting to one (1) stack (22);
- (2) One (1) Line 3 natural gas fueled air make-up unit, constructed in June 1992, identified as Air Make-up, with a maximum heat input capacity of 12.96 million British thermal units per hour (mmBtu/hr);
- (3) One (1) metal and vinyl coil coating line, identified as Line 2, with maximum capacity of forty thousand (40,000) pounds metal per hour, using one (1) thermal afterburner as control consisting of the following equipment:
 - (A) One (1) Wet Section and Brush, constructed in 1964, exhausting to one (1) stack (1);
 - (B) Cooling Towers, constructed in October 1993, exhausting to one (1) stack (2);
 - (C) Cooling Towers, constructed in October 1993, exhausting to one (1) stack (3);
 - (D) One (1) Afterburner stack, constructed in September 1995, identified as 4A;
 - (E) One (1) Bypass stack, constructed in September 1995, identified as 4B;
 - (F) One (1) Prime coater room, constructed in 1964, method of application is rollcoating, exhausting to one (1) stack (5);
 - (G) One (1) Finish coater room, constructed in 1964, method of application is rollcoating, exhausting to one (1) stack (6);
 - (H) One (1) Finish quench, constructed in 1964, exhausting to one (1) stack (7); and
 - (I) One (1) Air Knife exhaust, constructed in 1964, identified as 20.

- (4) One (1) metal coil coating line, constructed in 1968, identified as Line 3, with maximum capacity of fifty thousand (50,000) pounds metal per hour, using two (2) thermal afterburner as control, consisting of the following equipment:
- (A) One (1) preclean wet section, exhausting to one (1) stack (11);
 - (B) One (1) wet section exhaust, identified as 12;
 - (C) One (1) prime and finish coater, method of application is rollcoating, exhausting to one (1) stack (13);
 - (D) One (1) waste heat fired boiler bypass (prime), exhausting to one (1) stack (14A);
 - (E) One (1) boiler stack (prime), identified as 14B;
 - (F) One (1) waste heat fired boiler bypass (finish), exhausting to one (1) stack (15A);
 - (G) One (1) boiler stack (finish), identified as 15B;
 - (H) One (1) prime quench, exhausting to one (1) stack (16);
 - (I) One (1) finish quench, exhausting to one (1) stack (17);
 - (J) Cooling tunnels, exhausting to one (1) stack (18);
 - (K) Cooling tunnels, exhausting to one (1) stack (19);
 - (L) One (1) air knife exhaust, identified as 21;

Unpermitted Emission Units and Pollution Control Equipment Requiring ENSR

There are no unpermitted facilities operating at this source during this review process.

New Emission Units and Pollution Control Equipment Requiring ENSR

There are no new facilities to be reviewed under the ENSR process.

Insignificant Activities

The source also consists of the following insignificant activities, as defined in 326 IAC 2-7-1(21):

- (1) Natural gas-fired combustion sources with heat input equal to or less than ten million (10,000,000) British thermal units per hour;
- (2) Combustion source flame safety purging on startup;
- (3) A gasoline fuel transfer and dispensing operation handling less than or equal to 1,300 gallons per day, such as filling of tanks, locomotives, automobiles, having a storage capacity less than or equal to 10,500 gallons;
- (4) A petroleum fuel, other than gasoline, dispensing facility, having a storage capacity of less than or equal to 10,500 gallons, and dispensing less than or equal to 230,000 gallons per month;
- (5) Vessels storing lubricating oils, hydraulic oils, machining oils, and machining fluids;

- (6) Filling drums, pails or other packaging containers with lubricating oils, waxes, and greases;
- (7) Application of oils, greases, lubricants or other nonvolatile materials applied as temporary protective coatings;
- (8) Degreasing Operations that do not exceed 145 gallons per 12 months, except if subject to 326 IAC 20-6;
- (9) The following equipment related to manufacturing activities not resulting in the emission of HAPs: brazing equipment, cutting torches, soldering equipment, welding equipment;
- (10) Closed loop heating and cooling systems;
- (11) Any of the following structural steel and bridge fabrication activities:
 - (A) Cutting 200.00 linear feet or less of one inch (1") plate or equivalent;
 - (B) Using 80 tons or less of welding consumables;
- (12) Rolling oil recovery systems;
- (13) Activities associated with the treatment of wastewater streams with an oil and grease content less than or equal to 1% by volume;
- (14) Any operation using aqueous solutions containing less than 1% by weight of VOCs excluding HAPs;
- (15) Quenching operations used with heat treating processes;
- (16) Replacement or repair of electrostatic precipitators, bags in baghouses, and filters in other air filtration equipment;
- (17) Heat exchanger cleaning and repair;
- (18) Paved and unpaved roads and parking lots with public access;
- (19) Purging of gas lines and vessels that is related to routine maintenance and repair of buildings, structures, or vehicles at the source where air emissions from those activities would not be associated with any production process;
- (20) Blowdown for any of the following: sight glass, boiler, compressors, pumps, and cooling tower;
- (21) On-site fire and emergency response training approved by the department;
- (22) Grinding and machining operations controlled with fabric filters, scrubbers, mist collectors, wet collectors and electrostatic precipitators with a design grain loading of less than or equal to 0.03 grains per actual cubic foot and a gas flow rate less than or equal to 4000 actual cubic feet per minute, including the following: deburring, buffing, polishing, abrasive blasting, pneumatic conveying, and woodworking operations;
- (23) Purge double block and bleed valves;
- (24) Filter or coalescer media changeout;
- (25) A laboratory as defined in 326 IAC 2-7-1(20)(D); and

- (26) PM emissions from preclean/brush area for coating lines at similar facilities were tested and found to include chromium, lead and other metallic HAPs. The PM emissions were found to be below the limits.

Existing Approvals

The source has been operating under previous approvals including, but not limited to, the following:

- (1) Construction Permit (CP 059-4512-00002), issued on October 4, 1995.
- (2) Registration (CP 059-7811-00002), issued on March 17, 1997.

All conditions from previous approvals were incorporated into this Part 70 permit.

Enforcement Issue

There are no enforcement actions pending.

Recommendation

The staff recommends to the Commissioner that the Part 70 permit be approved. This recommendation is based on the following facts and conditions:

Unless otherwise stated, information used in this review was derived from the application and additional information submitted by the applicant.

An administratively incomplete Part 70 permit application for the purposes of this review was received on December 12, 1996. Additional information received on February 17, 1998 makes the Part 70 permit application administratively complete.

A notice of completeness letter was mailed to the source on January 10, 1997.

Potential Emissions

Pursuant to 326 IAC 1-2-55, Potential Emissions are defined as "emissions of any one (1) pollutant which would be emitted from a facility, if that facility were operated without the use of pollution control equipment unless such control equipment is necessary for the facility to produce its normal product or is integral to the normal operation of the facility."

Pollutant	Potential Emissions (tons/year)
PM	less than 100
PM-10	less than 100
SO ₂	less than 100
VOC	greater than 250
CO	less than 100
NO _x	less than 100

Note: For the purpose of determining Title V applicability for particulates, PM-10, not PM, is the regulated pollutant in consideration.

HAP's	Potential Emissions (tons/year)
Benzene	less than 10
Cumene	less than 10
Dimethyl Formamide	less than 10
Dimethyl Phthalate	less than 10
Ethylbenzene	less than 10
Ethylene Glycol	less than 10
Formaldehyde	less than 10
Glycol Ethers	greater than 10
Isophrone	greater than 10
MEK	greater than 10
Methanol	less than 10
MIBK	less than 10
Naphthalene	greater than 10
Phenol	less than 10
Phosphorous	less than 10
Toluene	less than 10
Xylene	greater than 10
TOTAL	greater than 25

- (a) The potential emissions (as defined in 326 IAC 1-2-55) of volatile organic compounds (VOC) are equal to or greater than 100 tons per year. Therefore, the source is subject to the provisions of 326 IAC 2-7.
- (b) The potential emissions (as defined in 326 IAC 1-2-55) of any single HAP is equal to or greater than ten (10) tons per year and the potential emissions (as defined in 326 IAC 1-2-55) of a combination HAPs is greater than or equal to twenty-five (25) tons per year. Therefore, the source is subject to the provisions of 326 IAC 2-7.
- (c) Fugitive Emissions
 Since this type of operation is not one of the twenty-eight (28) listed source categories under 326 IAC 2-2 and since there are no applicable New Source Performance Standards that were in effect on August 7, 1980, the fugitive particulate matter (PM) and volatile organic compound (VOC) emissions are not counted toward determination of PSD and Emission Offset applicability.

Actual Emissions

The following table shows the actual emissions from the source. This information reflects the source's 1995 emission data.

Pollutant	Actual Emissions (tons/year)
PM	74.23*
PM-10	74.23*
SO ₂	0.09
VOC	464.54
CO	9.18
NO _x	21.07
HAP (Benzene)	0.00
HAP (Cumene)	1.08
HAP (Dimethyl Formamide)	0.02
HAP (Dimethyl Phthalate)	2.59
HAP (Ethylbenzene)	1.80
HAP (Ethylene Glycol)	5.22
HAP (Formaldehyde)	0.49

HAP (Glycol Ethers)	74.92
HAP (Isophrone)	53.33
HAP (MEK)	15.91
HAP (Methanol)	0.00
HAP (MIBK)	0.62
HAP (Naphthalene)	9.60
HAP (Phenol)	0.00
HAP (Phosphorous)	0.00
HAP (Toluene)	2.05
HAP (Xylene)	21.22

* 72.17 tons PM and PM-10 from fugitive vehicle traffic emissions

County Attainment Status

The source is located in Hancock County.

Pollutant	Status
TSP	attainment
PM-10	attainment
SO ₂	attainment
NO ₂	attainment
Ozone	attainment
CO	attainment
Lead	attainment

- (a) Volatile organic compounds (VOC) and oxides of nitrogen (Nox) are precursors for the formation of ozone. Therefore, VOC and NO_x emissions are considered when evaluating the rule applicability relating to the ozone standards. Hancock County has been designated as attainment or unclassifiable for ozone.

Federal Rule Applicability

- (a) The 12.56 million British thermal units per hour natural gas fueled boiler is subject to the New Source Performance Standard, 326 IAC 12, (40 CFR 60.40c, Subpart Dc) because it was constructed in December 1996 which is after the June 9, 1989 applicability date and the heat input capacity is less than 100 million British thermal units per hour, but greater than 10 million British thermal units per hour. Pursuant to this subpart, the Permittee shall record and maintain records of the amounts of fuel combusted during each day for a period of two years following the date of such record.
- (b) The prime coater and finish coater (Line 2) are subject to the New Source Performance Standard, 326 IAC 12, (40 CFR 60.460, Subpart TT) because it is a metal coil surface coating operation that was modified in 1995, which is after the January 5, 1981 applicability date. Pursuant to this subpart, the metal coil coating operation utilizing thermal incineration as a means of controlling VOC emissions shall achieve a minimum overall efficiency of 90% or shall not discharge into the atmosphere, in excess of 1.15 pounds of VOC per gallon of coating solids applied.
- (c) The prime and finish coater (Line 3) is not subject to the New Source Performance Standard, 326 IAC 12, (40 CFR 60.460, Subpart TT) because it was constructed in 1968, which is prior to the January 5, 1981 applicability date.

- (d) The prime coater and finish coater (Line 2) are subject to the requirements of the New Source Performance Standard, 326 IAC 12, (40 CFR 60.580, Subpart FFF) because it was modified in 1995 which is after the January 18, 1983 applicability date and this operation coats flexible vinyl or urethane products. Pursuant to this subpart, the metal coil coating operation utilizing thermal incineration as a means of controlling VOC emissions shall achieve a minimum overall efficiency of 85%. Since this equipment is also subject to the requirements of the New Source Performance Standard, 40 CFR 60.460 (Subpart TT) and that subpart requires 90% overall efficiency, the requirements of this subpart have been satisfied.
- (e) The prime and finish coater (Line 3) is not subject to the New Source Performance Standard, 326 IAC 12, (40 CFR 60.580, Subpart FFF) because it was constructed in 1968, which is prior to the January 18, 1983 applicability date.
- (f) The degreasing operation (Insignificant Activity) is not subject to the requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAPs), 40 CFR 63.430, Subpart T because it does not use any of the materials listed in this rule.

State Rule Applicability - Entire Source

326 IAC 1-6-3 (Preventive Maintenance Plan)

The source has submitted a Preventive Maintenance Plan (PMP) with the Part 70 Permit application on December 12, 1996. This PMP has been verified to fulfill the requirements of 326 IAC 1-6-3 (Preventive Maintenance Plan).

326 IAC 1-5-2 (Emergency Reduction Plans)

The source has submitted an Emergency Reduction Plan (ERP) with the Part 70 Permit application on December 12, 1996. The ERP has been verified to fulfill the requirements of 326 IAC 1-5-2 (Emergency Reduction Plans).

326 IAC 2-2 (Prevention of Significant Deterioration)

This source is not subject to the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration) because the equipment that has potential volatile organic compound (VOC) emissions greater than two hundred fifty (250) tons per year were constructed in 1964 and 1968, which is prior to the August 7, 1977 applicability date and the modifications in 1995 and 1997 had a potential volatile organic compound emissions increase of less than forty (40) tons per year.

326 IAC 2-6 (Emission Reporting)

This source is subject to 326 IAC 2-6 (Emission Reporting), because it has the potential to emit more than one hundred (100) tons per year of volatile organic compound (VOC). Pursuant to this rule, the owner/operator of the source must annually submit an emission statement for the source. The annual statement must be received by July 1 of each year and contain the minimum requirement as specified in 326 IAC 2-6-4. The submittal should cover the period defined in 326 IAC 2-6-2(8)(Emission Statement Operating Year).

326 IAC 5-1 (Visible Emissions Limitations)

Pursuant to 326 IAC 5-1-2 (Visible Emissions Limitations), except as provided in 326 IAC 5-1-3 (Temporary Exemptions), visible emissions shall meet the following, unless otherwise stated in this permit:

- (a) Visible emissions shall not exceed an average of forty percent (40%) opacity in twenty-four (24) consecutive readings as determined by 326 IAC 5-1-4,
- (b) Visible emissions shall not exceed sixty percent (60%) opacity for more than a cumulative total of fifteen (15) minutes (sixty (60) readings) in a six (6) hour period.

State Rule Applicability - Individual Facilities

326 IAC 8-2-4 (Coil Coating Operations)

The prime coater room and finish coater room (Line 2) and the prime and finish coater room (Line 3) are subject to the requirements of 326 IAC 8-2-4 (Coil Coating Operations) because they were existing facilities as of January 1, 1980 which are located at a source with potential volatile organic compound (VOC) emissions of one hundred (100) tons per year or greater.

Pursuant to 326 IAC 8-2-4 (Coil Coating Operations), the Permittee shall not allow or permit the discharge into the atmosphere of any volatile organic compound in excess of 2.6 pounds per gallon of coating, excluding water.

Pursuant to Construction Permit 059-4512, issued October 4, 1995, the enclosure rooms, the capture systems, and the capture system fans' measuring and recording devices shall be operating properly at all times during actual coating operations, at an electrical current across each fan that has been demonstrated to maintain an average facial velocity of at least 200 feet per minute across all natural draft openings. All doors and windows not classified as natural draft openings shall remain closed at all times during actual coating operations. The thermal afterburners and their measuring and recording devices shall be operating properly at all times during actual coating operation, at a minimum operating temperature that has been demonstrated by compliance tests to achieve a minimum 90% overall reduction efficiency.

326 IAC 8-3 (Organic Solvent Degreasing Operations)

The degreasing operations (Insignificant Activity) are not subject to the requirements of 326 IAC 8-3 (Organic Solvent Degreasing Operations) because they were installed in 1967 which is prior to the January 1, 1980 applicability date for Hancock County.

326 IAC 6-3-2 (Process Operations)

Pursuant to 326 IAC 6-3-2 (Process Operations), the particulate matter (PM) from the wet section and brush (Line 2) and the preclean wet section (Line 3) shall be limited by the following: Interpolation and extrapolation of the data for the process weight rate up to sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:

$$E = 4.10 P^{0.67} \quad \text{where } E = \text{rate of emission in pounds per hour and} \\ P = \text{process weight rate in tons per hour}$$

The emissions from these two operations are considered to be insignificant particulate matter emissions.

326 IAC 6-2-4 (Emission Limitations for Facilities Specified in 326 IAC 6-2-1(d))

Pursuant to 326 IAC 6-2-4 (Particulate Emission Limitations for Sources of Indirect Heating), the particulate matter emissions from the 12.56 million British thermal unit per hour natural gas fired boiler constructed in December, 1996, shall be limited to 0.56 pounds per million British thermal unit heat input. This limit is calculated by the following equation:

$$Pt = 1.09 / Q^{0.26}$$

where:

Pt = Pounds of particulate matter emitted per million Btu (lb/mmBtu) heat input.

Q = Total source maximum operating capacity rating in million Btu per hour (mmBtu/hr) heat input. The maximum operating capacity rating is defined as the maximum capacity at which the facility is operated or the nameplate capacity, whichever is specified in the facility's permit application, except when some lower capacity is contained in the facility's operation permit; in which case, the capacity specified in the operation permit shall be used.

For the boiler, $Q = 12.56$

$$Pt = 1.09 / 12.56^{0.26} = 0.56 \text{ lb/mmBtu}$$

The boilers are in compliance when using natural gas by the following equation:

$$13.7 \text{ lb/MMCF, to convert this to lb/mmBtu} = 13.7 \text{ lb/MMCF} * \text{MMCF} / 1,000 \text{ mmBtu} = 0.0137 \text{ lb/mmBtu}$$

$0.0137 \text{ lb/mmBtu} < 0.56 \text{ lb/mmBtu}$, therefore the boiler is in compliance.

Compliance Requirements

Permits issued under 326 IAC 2-7 are required to ensure that sources can demonstrate compliance with applicable state and federal rules on a more or less continuous basis. All state and federal rules contain compliance provisions, however, these provisions do not always fulfill the requirement for a more or less continuous demonstration. When this occurs IDEM, OAM, in conjunction with the source, must develop specific conditions to satisfy 326 IAC 2-7-5. As a result, compliance requirements are divided into two sections: Compliance Determination Requirements and Compliance Monitoring Requirements.

Compliance Determination Requirements in Section D of the permit are those conditions that are found more or less directly within state and federal rules and the violation of which serves as grounds for enforcement action. If these conditions are not sufficient to demonstrate continuous compliance, they will be supplemented with Compliance Monitoring Requirements, also Section D of the permit. Unlike Compliance Determination Requirements, failure to meet Compliance Monitoring conditions would serve as a trigger for corrective actions and not grounds for enforcement action. However, a violation in relation to a compliance monitoring condition will arise through a source's failure to take the appropriate corrective actions within a specific time period.

The compliance monitoring requirements applicable to this source are as follows:

1. The two (2) coil coating lines (Lines 2 and 3) have applicable compliance monitoring conditions as specified below:
 - (a) The enclosure rooms, the capture systems, and the capture systems' fans measuring and recording devices shall be operating properly at all times during actual coating operations, at an electrical current across each fan that has been demonstrated to maintain an average facial velocity of at least 200 feet per minute across all natural draft openings. All doors and windows not classified as natural draft openings shall remain closed at all times during actual coating operations.
 - (b) The thermal oxidation unit and the unit's measuring and recording devices shall be operating properly at all times during actual coating operations, at a minimum operating temperature that has been demonstrated by compliance tests to achieve a minimum 90% overall reduction efficiency.

These monitoring conditions are necessary because the thermal oxidizers for the coil coating lines must operate properly to ensure compliance with 326 IAC 8-2-4 (Coil Coating Operations) and 326 IAC 2-7 (Part 70).

Air Toxic Emissions

Indiana presently requests applicants to provide information on emissions of the 187 hazardous air pollutants (HAPs) set out in the Clean Air Act Amendments of 1990. These pollutants are either carcinogenic or otherwise considered toxic and are commonly used by industries. They are listed as air toxics on the Office of Air Management (OAM) Part 70 Application Form GSD-08.

- (a) This source will emit levels of air toxics greater than those that constitute major source applicability according to Section 112 of the 1990 Clean Air Act Amendments.
- (b) 326 IAC 2-1-3.4 (New Source Toxics Rule) does not apply to this source because there are no new emission units.

Conclusion

The operation of this metal coil coating operation shall be subject to the conditions of the attached proposed **Part 70 Permit No. T059-7584-00002**.

Indiana Department of Environmental Management Office of Air Management

Addendum to the Technical Support Document for Part 70 Operating Permit

Source Name: Roll Coater, Inc.
Source Location: 1950 East Main Street, Greenfield, Indiana 46140
County: Hancock
SIC Code: 3479
Operation Permit No.: T059-7584-00002
Permit Reviewer: Cathie Moore

On March 6, 1998, the Office of Air Management (OAM) had a notice published in the Daily Reporter, Greenfield, Indiana, stating that Roll Coater, Inc. had applied for a Part 70 Operating Permit to operate a coil coating operation. The notice also stated that OAM proposed to issue a permit for this operation and provided information on how the public could review the proposed permit and other documentation. Finally, the notice informed interested parties that there was a period of thirty (30) days to provide comments on whether or not this permit should be issued as proposed.

On April 7, 1998, Jim Dodson of Roll Coater, Inc. submitted comments on the proposed Part 70 Operating Permit. The summary of the comments is as follows (~~strikeout~~ added to show what was deleted and **bold** added to show what was added):

Comment 1:

Section A.2 : Emission Units and Pollution Control Equipment Summary

The permit indicates that Line 2 has a maximum capacity of 40,000 gallons of metal per hour and Line 3 has a 50,000 pounds per hour maximum capacity. This information was not provided as part of the application. Therefore, Roll Coater is requesting IDEM to provide the background information in which these limits were determined.

The amount of metal processed is dependent on the line speed, thickness of the coil, width of the coil, and the paint residence time required for proper curing in the ovens. As new paints are developed which require shorter curing times, the line speed can be adjusted to increase the coil coating rate. Consequently, this will increase the process weight rate of the line. Hence, Roll Coater is requesting IDEM to remove the weight limitation on the lines.

Stacks 18 and 19 (sub-items J and K) of Line 3 (Item 4) are cooling towers and not cooling tunnels as indicated in the permit. The cooling tunnels for this line exhaust through the quench stacks.

Response to Comment 1:

The maximum capacities stated in the draft permit were taken from previous permit information. The maximum process weight rate is needed to determine the allowable particulate matter (PM) emissions pursuant to 326 IAC 6-3-2(c) (Process Operations) and to establish maximum capacity for testing purposes. The test on the thermal oxidizers shall be performed at ninety-five percent (95%) of maximum capacity. Condition A.2 (3) and (4) "Emission Units and Pollution Control Equipment Summary" have been changed to be as follows:

- (3) One (1) metal and vinyl coil coating line, identified as Line 2, with **average** maximum capacity of ~~forty thousand (40,000)~~ **44,812** pounds metal per hour, using one (1) thermal afterburner as control consisting of the following equipment:

- (A) One (1) Wet Section and Brush, constructed in 1964, exhausting to one (1) stack (1);
 - (B) Cooling Towers, constructed in October 1993, exhausting to one (1) stack (2);
 - (C) Cooling Towers, constructed in October 1993, exhausting to one (1) stack (3);
 - (D) One (1) Afterburner stack, constructed in September 1995, identified as 4A;
 - (E) One (1) **Afterburner** Bypass stack, constructed in September 1995, identified as 4B;
 - (F) One (1) Prime coater room, constructed in 1964, method of application is rollcoating, exhausting to one (1) stack (5);
 - (G) One (1) Finish coater room, constructed in 1964, method of application is rollcoating, exhausting to one (1) stack (6);
 - (H) One (1) Finish quench, constructed in 1964, exhausting to one (1) stack (7); and
 - (I) One (1) Air Knife exhaust, constructed in 1964, identified as 20.
- (4) One (1) metal coil coating line, constructed in 1968, identified as Line 3, with **average** maximum capacity of ~~fifty thousand (50,000)~~ **57,105** pounds metal per hour, using ~~two (2)~~ **one (1)** thermal afterburner as control, consisting of the following equipment:
- (A) One (1) preclean wet section, exhausting to one (1) stack (11);
 - (B) One (1) wet section exhaust, identified as 12;
 - (C) One (1) prime and finish coater, method of application is rollcoating, exhausting to one (1) stack (13);
 - (D) One (1) waste heat fired boiler bypass (prime) **and afterburner**, exhausting to one (1) stack (14A);
 - (E) One (1) boiler **and afterburner** stack (prime), identified as 14B;
 - (F) One (1) waste heat fired boiler bypass (finish), exhausting to one (1) stack (15A);
 - (G) One (1) boiler stack (finish), identified as 15B;
 - (H) One (1) prime quench, exhausting to one (1) stack (16);
 - (I) One (1) finish quench, exhausting to one (1) stack (17);
 - (J) Cooling ~~tunnels~~ **towers**, exhausting to one (1) stack (18);
 - (K) Cooling ~~tunnels~~ **towers**, exhausting to one (1) stack (19);
 - (L) One (1) air knife exhaust, identified as 21;

The equipment listed in Section D.2(3) "FACILITY OPERATION CONDITIONS" has been changed to be as follows:

Facility Description 326 IAC 2-7-5(15)]

- (3) One (1) metal and vinyl coil coating line, identified as Line 2, with maximum capacity of ~~forty thousand (40,000)~~ **44,812** pounds metal per hour, using one (1) thermal afterburner as control consisting of the following equipment:
- (A) One (1) Wet Section and Brush, constructed in 1964, exhausting to one (1) stack (1);
 - (B) Cooling Towers, constructed in October 1993, exhausting to one (1) stack (2);
 - (C) Cooling Towers, constructed in October 1993, exhausting to one (1) stack (3);
 - (D) One (1) Afterburner stack, constructed in September 1995, identified as 4A;
 - (E) One (1) **Afterburner** Bypass stack, constructed in September 1995, identified as 4B;
 - (F) One (1) Prime coater room, constructed in 1964, method of application is rollcoating, exhausting to one (1) stack (5);
 - (G) One (1) Finish coater room, constructed in 1964, method of application is rollcoating, exhausting to one (1) stack (6);
 - (H) One (1) Finish quench, constructed in 1964, exhausting to one (1) stack (7); and
 - (I) One (1) Air Knife exhaust, constructed in 1964, identified as 20.
- (4) One (1) metal coil coating line, constructed in 1968, identified as Line 3, with maximum capacity of ~~fifty thousand (50,000)~~ **57,105** pounds metal per hour, using ~~two (2)~~ **one (1)** thermal afterburner as control, consisting of the following equipment:
- (A) One (1) preclean wet section, exhausting to one (1) stack (11);
 - (B) One (1) wet section exhaust, identified as 12;
 - (C) One (1) prime and finish coater, method of application is rollcoating, exhausting to one (1) stack (13);
 - (D) One (1) waste heat fired boiler bypass (prime) **and afterburner**, exhausting to one (1) stack (14A);
 - (E) One (1) boiler **and afterburner** stack (prime), identified as 14B;
 - (F) One (1) waste heat fired boiler bypass (finish), exhausting to one (1) stack (15A);
 - (G) One (1) boiler stack (finish), identified as 15B;
 - (H) One (1) prime quench, exhausting to one (1) stack (16);
 - (I) One (1) finish quench, exhausting to one (1) stack (17);
 - (J) Cooling ~~tunnels~~ **towers**, exhausting to one (1) stack (18);
 - (K) Cooling ~~tunnels~~ **towers**, exhausting to one (1) stack (19);
 - (L) One (1) air knife exhaust, identified as 21;

The Technical Support Document (TSD) should also reflect these changes. However, the TSD is not physically changed after Public Notice. The changes are noted here in the Addendum.

No other conditions in the final permit have been changed as a result of this change in equipment description.

Comment 2:

Section C.19(a)(2): Indicate actual emissions of other regulated pollutants from the source, for the purposes of Part 70 fee assessment.

The other regulated pollutants include the hazardous air pollutants (HAPs) listed under Section 112 of the Clean Air Act of 1990. The HAP emissions from Roll Coater are due to the coating and cleaning operations. Most of the HAPs emitted are also classified as Volatile Organic Compounds (VOCs). Since VOCs are reported as a criteria pollutant, Roll Coater believes that reporting HAPs would duplicate some VOC emissions from the facility. Pursuant to your conversation with Bob Gobburi of Integrated Environmental Solutions, Inc. (IES) on March 25, 1998, you indicated that only non-VOC HAPs should be reported as a part of the annual emissions report. Therefore, Roll Coater is requesting IDEM to make the necessary change in the permit requiring Roll Coater to report only non-VOC HAPs.

Response to Comment 2:

Condition C.19(a)(2) (now renumbered C.18(a)(2)) "Emission Statement" has been changed to be as follows:

- (2) Indicate actual emissions of other regulated pollutants (**non-VOC HAPs**) from the source, for purposes of Part 70 fee assessment.

Comment 3:

Section D.1.4: Record and maintain records of the amount of fuel combusted during each day.

This is a NSPS (40 CFR 60 Subpart Dc) record keeping requirement applicable to steam generating units. The permit requires Roll Coater to record and maintain records of the amount of fuel combusted during each day for the Cleaver Brooks boiler and the Line 3 air make-up unit. The air make-up unit is a part of the ventilation system and is not subject to the requirements of this Subpart. The Cleaver Brooks boiler is a steam generating unit and is subject to this Subpart. However, the 12.56 MMBtu/hr Cleaver Brooks boiler is a standby boiler used only when the lines are not operating and when heat is required. Therefore, Roll Coater is requesting IDEM to change the daily record keeping requirement to a monthly basis.

Response to Comment 3:

Pursuant to 40 CFR 60.48c (g), the Permittee shall record and maintain records of the amounts of fuel combusted during each day. Therefore, daily records of fuel combustion from the one (1) Cleaver Brooks boiler must be kept to ensure compliance with this subpart. Condition D.1.4 "Record Keeping Requirements" has been changed to be as follows for clarification:

D.1.4 Record Keeping Requirements

Pursuant to this 40 CFR 60.40c, Subpart Dc, the Permittee shall record and maintain records of the amounts of fuel combusted **from the one (1) 12.56 mmBtu/hr natural gas fired boiler** during each day for a period of two years following the date of such record.

Comment 4:

Section D.2.3: PM Emissions from Wet Sections on Lines

Typically coil coating lines have a wet section and a brush section to clean the coil prior to applying a prime coat. Both lines at the Greenfield facility have these sections. Some of the stages in a wet section may be used for pre-cleaning and are designated as preclean wet sections. The permit breaks down the wet section into individual units and only the preclean wet section is indicated for the Line 3. Roll Coater is therefore requesting IDEM to include all preclean and regular states as one wet section. Also please include the brush section in this limitation for Line 3.

Response to Comment 4:

Condition D.2.3 "Particulate Matter" has been changed to be as follows to include the entire coil coating line to eliminate confusion:

D.2.3 Particulate Matter (PM) [326 IAC 6-3-2]

Pursuant to 326 IAC 6-3-2 (Process Operations), the particulate matter (PM) from ~~the wet section and brush (Line 2) and the preclean wet section (Line 3)~~ shall be limited by the following:

Interpolation and extrapolation of the data for the process weight rate up to sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:

$$E = 4.10 P^{0.67} \quad \text{where } E = \text{rate of emission in pounds per hour and} \\ P = \text{process weight rate in tons per hour}$$

Comment 5:

Section D.2.8: Operate thermal oxidation unit, capture system monitoring equipment, etc. at all actual coating operation

40 CFR Subpart TT defines coating as any organic material that is applied to the surface of the metal coil. But, according to 326 IAC 8-1(c), coating means the application of protective, functional, or decorative film. Often only soap and other treatment material which do not contain any volatile organic compounds are applied to the coil surface. There are no volatile organic emissions during this process. Also, Roll Coater conducts routine equipment cleanup activities in the coater room which involves the use of volatile organic compounds. These activities are conducted during line operations as stated above when no volatile organic material is applied to the steel surface as well as during startup and shutdown of the production process. Hence, Roll Coater is requesting IDEM to change the permit to indicate that the requirements for the thermal oxidizer operation only when coating operations involve the application of volatile organic material (i.e. paint) on the strip surface.

Response to Comment 5:

Condition D.2.8 "Thermal Incinerator" has been changed to be as follows to clarify when the thermal oxidizer should be operated:

D.2.8 Thermal Incinerator

- (a) The enclosure rooms, the capture systems, and the capture systems' fans measuring and recording devices shall be operating properly at all times during actual coating operations (**i.e. when coating contains VOC**), at an electrical current across each fan that has been demonstrated to maintain an average facial velocity of at least 200 feet per minute across all natural draft openings. All doors and windows not classified as natural draft openings shall remain closed at all times during actual coating operations.
- (b) The thermal oxidation unit and the unit's measuring and recording devices shall be operating properly at all times during actual coating operations (**i.e. when coating contains VOC**), at a minimum operating temperature that has been demonstrated by compliance tests to achieve a minimum 90% overall ~~reduction~~ **control** efficiency.

Comment 6:

Section D.2.9(a): Monthly records to establish compliance with the VOC usage limits.

The permit indicates that purchase orders, invoices and MSDSs will be used in verifying the type and amount used. Paint manufacturers provide Roll Coater with technical data sheets which provide the physical and chemical properties of the paint. Therefore, Roll Coater is requesting IDEM to include these technical data sheets as a valid form of data verification documentation.

In addition, the reports required under this section are used for quarterly compliance certification. Due to the data collection involved, Roll Coater believes that a monthly report is time and labor intensive. Although Roll Coater's goal is to maintain these reports monthly, we are requesting that this not be a permit condition.

Condition 2 requires a log of dates of solvent and coating usage. Each coating line uses many different paint codes every day. Roll Coater has a computerized mechanism by which paint usage for each line and for each paint code can be obtained for any given period. However, a log of the dates of usage of individual paints would result in an enormous amount of unnecessary and repetitive data. Therefore, Roll Coater is requesting that IDEM remove this condition from the permit.

Response to Comment 6:

Monthly record keeping is required to ensure compliance with 326 IAC 8-2-4 (Coil Coating Operations) and 40 CFR 60.440, Subpart TT. If records were not kept, the source may have difficulty showing that they were operating in compliance. The computerized mechanism by which paint usage for each line and for each paint code shall be sufficient to satisfy subsection (a)(2). No additional log will be necessary. Condition D.2.9(a) "Record Keeping Requirements" has been changed to be as follows:

- (a) To document compliance with Conditions D.2.1 and D.2.2, the Permittee shall maintain records in accordance with (1) through (6) below. Records maintained for (1) through (6) shall be taken monthly and shall be complete and sufficient to establish compliance with the VOC usage limits and/or the VOC emission limits established in Conditions D.2.1 and D.2.2.
 - (1) The amount and VOC content of each coating material and solvent used. Records shall include purchase orders, invoices, ~~and~~ material safety data sheets (MSDS), **and technical data sheets** necessary to verify the type and amount used. Solvent usage records shall differentiate between those added to coatings and those used as cleanup solvents;
 - (2) A log of the dates of use;
 - (3) The volume weighted VOC content of the coatings used for each month;
 - (4) The cleanup solvent usage for each month;
 - (5) The total VOC usage for each month; and
 - (6) The weight of VOCs emitted for each compliance period.

Comment 7:

Section D.2.9(b): Maintain a daily log of thermal incinerator operating temperature.

Roll Coater is keeping a copy of the temperature strip charts from the incinerators. A daily operating temperature log would result in duplicating the data from the collection process. Therefore, Roll Coater is requesting that IDEM remove this condition from the permit.

Response to Comment 7:

The temperature strip chart from the incinerators shall be sufficient to satisfy subsection (b). No additional log will be necessary. There will be no changes to this condition in the final permit due to this comment.

Comment 8:

Insignificant Activities

Roll Coater has eliminated all gasoline fuel transfer and dispensing operations. Hence, item 3 under insignificant activities needs to be removed from the permit.

Pursuant to 326 IAC 2-7-1(21), activities associated with the treatment of wastewater streams with an oil and grease content less than or equal to 1% by volume are considered insignificant. The wastewater streams present at Roll Coater have an oil and grease content less than 1% by volume. The oils collected from these streams are stored in a 5,000-gallon tank. Roll Coater believes that this is a process associated with the wastewater treatment and hence is considered an insignificant activity. Also, the Tanks3.0 program was used in estimating emissions from this tank at 1 turnover per week (52 per year). Due to the lack of published data for the physical properties of the material stored, No. 2 fuel oil, with higher vapor pressure than heavy oils used, was used as material stored. The emissions from this tank are less than 6 pounds per year and therefore are insignificant. Please include this unit in the permit as an insignificant activity.

Response to Comment 8:

Condition A.3 "Specifically Regulated Insignificant Activities" only lists those insignificant activities that have applicable requirements under 326 IAC or 40 CFR. Since none of the insignificant activities listed in the Technical Support Document have applicable requirements, there are no insignificant activities listed in the permit. The list of insignificant activities in the Technical Support Document should be changed to be as follows. However, the TSD is not physically changed after Public Notice. The changes are noted here in the Addendum:

The source also consists of the following insignificant activities, as defined in 326 IAC 2-7-1(21):

- (1) Natural gas-fired combustion sources with heat input equal to or less than ten million (10,000,000) British thermal units per hour;
- (2) Combustion source flame safety purging on startup;
- ~~(3) A gasoline fuel transfer and dispensing operation handling less than or equal to 1,300 gallons per day, such as filling of tanks, locomotives, automobiles, having a storage capacity less than or equal to 10,500 gallons;~~
- ~~(4) A petroleum fuel, other than gasoline, dispensing facility, having a storage capacity of less than or equal to 10,500 gallons, and dispensing less than or equal to 230,000 gallons per month;~~
- ~~(5)~~(3) Vessels storing lubricating oils, hydraulic oils, machining oils, and machining fluids;
- ~~(6)~~(4) Filling drums, pails or other packaging containers with lubricating oils, waxes, and greases;
- ~~(7)~~(5) Application of oils, greases, lubricants or other nonvolatile materials applied as temporary protective coatings;
- ~~(8)~~(6) Degreasing Operations that do not exceed 145 gallons per 12 months, except if subject to 326 IAC 20-6;
- ~~(9)~~(7) The following equipment related to manufacturing activities not resulting in the emission of HAPs: brazing equipment, cutting torches, soldering equipment, welding equipment;

- ~~(10)~~**(8)** Closed loop heating and cooling systems;
- ~~(11)~~**(9)** Any of the following structural steel and bridge fabrication activities:
 - (A) Cutting 200.00 linear feet or less of one inch (1") plate or equivalent;
 - (B) Using 80 tons or less of welding consumables;
- ~~(12)~~**(10)** Rolling oil recovery systems;
- ~~(13)~~**(11)** Activities associated with the treatment of wastewater streams with an oil and grease content less than or equal to 1% by volume;
- ~~(14)~~**(12)** Any operation using aqueous solutions containing less than 1% by weight of VOCs excluding HAPs;
- ~~(15)~~**(13)** Quenching operations used with heat treating processes;
- ~~(16)~~**(14)** Replacement or repair of electrostatic precipitators, bags in baghouses, and filters in other air filtration equipment;
- ~~(17)~~**(15)** Heat exchanger cleaning and repair;
- ~~(18)~~**(16)** Paved and unpaved roads and parking lots with public access;
- ~~(19)~~**(17)** Purging of gas lines and vessels that is related to routine maintenance and repair of buildings, structures, or vehicles at the source where air emissions from those activities would not be associated with any production process;
- ~~(20)~~**(18)** Blowdown for any of the following: sight glass, boiler, compressors, pumps, and cooling tower;
- ~~(21)~~**(19)** On-site fire and emergency response training approved by the department;
- ~~(22)~~**(20)** Grinding and machining operations controlled with fabric filters, scrubbers, mist collectors, wet collectors and electrostatic precipitators with a design grain loading of less than or equal to 0.03 grains per actual cubic foot and a gas flow rate less than or equal to 4000 actual cubic feet per minute, including the following: deburring, buffing, polishing, abrasive blasting, pneumatic conveying, and woodworking operations;
- ~~(23)~~**(21)** Purge double block and bleed valves;
- ~~(24)~~**(22)** Filter or coalescer media changeout;
- ~~(25)~~**(23)** A laboratory as defined in 326 IAC 2-7-1(20)(D); and
- ~~(26)~~**(24)** PM emissions from preclean/brush area for coating lines at similar facilities were tested and found to include chromium, lead and other metallic HAPs. The PM emissions were found to be below the limits.

Upon further review, OAM has made the following changes to the final Part 70 permit (~~strikeout~~ added to show what was deleted and **bold** added to show what was added):

1. The name in the signature block on the cover page has been changed from "Felicia R. George" to "**Janet G. McCabe**".

2. A "Source Summary" has been changed to be as follows:

SECTION A SOURCE SUMMARY

This permit is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Management (OAM) ~~and presented in the permit application.~~ **The information describing the source contained in conditions A.1 through A.3 is descriptive information and does not constitute enforceable conditions. However, the Permittee should be aware that a physical change or a change in the method of operation that may render this descriptive information obsolete or inaccurate may trigger requirements for the Permittee to obtain additional permits or seek modification of this permit pursuant to 326 IAC 2, or change other applicable requirements presented in the permit application.**

3. Condition A.4 "Part 70 Permit Applicability" has been changed to be as follows:

~~A.4 Part 70 Permit Applicability [326 IAC 2-7-2]~~

~~This stationary source is required to have a Part 70 permit by 326 IAC 2-7-2 (Applicability) because:~~

- ~~(a) It is a major source, as defined in 326 IAC 2-7-1(22).~~
- ~~(b) **It is a source in a source category designated by the United States Environmental Protection Agency (U.S. EPA) under 40 CFR 70.3 (Part 70 - Applicability).**~~

4. Condition A.5 "Prior Permit Conditions Superseded" has been deleted as follows:

~~A.5 Prior Permit Conditions Superseded [326 IAC 2]~~

~~The terms and conditions of this permit incorporate all the current applicable requirements for all emission units located at this source, and supersede all terms and conditions in all registrations and permits, including construction permits, issued prior to the date of issuance of this permit. All terms and conditions in such registrations and permits are no longer in effect.~~

5. Condition B.1(b) "Permit No Defense" has been changed to be as follows:

- ~~(b) This prohibition shall not apply to alleged violations of applicable requirements for which the Commissioner has granted a permit shield in accordance with 326 IAC 2-1-3.2 or 326 IAC 2-7-15, as set out in this permit in the Section B condition entitled "Permit Shield."~~

6. Condition B.8(c) "Duty to Supplement and Provide Information" has been changed to be as follows:

- ~~(c) Upon request, the Permittee shall also furnish to IDEM, OAM copies of records required to be kept by this permit. **If the Permittee wishes to assert a claim of confidentiality over any of the furnished records, For information claimed to be confidential, the Permittee must shall furnish such records to IDEM, OAM along with a claim of confidentiality under 326 IAC 17. If requested by IDEM, OAM, or the U.S. EPA, to furnish copies of requested records directly to U. S. EPA, and if the Permittee is making a claim of confidentiality regarding the furnished records, then the Permittee must shall furnish such confidential records directly to the U.S. EPA along with a claim of confidentiality under 40 CFR 2, Subpart B.**~~

7. Condition B.11(c) "Annual Compliance Certification" has been changed to be as follows:

- ~~(c) The annual compliance certification report shall include the following:~~

- (1) The identification of each term or condition of this permit that is the basis of the certification;
- (2) The compliance status;
- (3) Whether compliance was **based on** continuous or intermittent **data**;
- (4) The methods used for determining compliance of the source, currently and over the reporting period consistent with 326 IAC 2-7-5(3); ~~and~~
- (5) Any insignificant activity that has been added without a permit revision; and**
- ~~(5)~~ **(6)** Such other facts, as specified in Sections D of this permit, as IDEM, OAM may require to determine the compliance status of the source.

The ~~notification which shall be submitted~~ **submittal** by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

8. Condition B.12 "Preventive Maintenance Plan" has been changed to be as follows:

B.12 Preventive Maintenance Plan [326 IAC 2-7-5(1),(3) and (13)] [326 IAC 2-7-6(1) and (6)]
[326 IAC 1-6-3]

- (a) If required by specific condition(s) in Section D of this permit, the Permittee shall prepare and maintain Preventive Maintenance Plans (PMP) within ninety (90) days after issuance of this permit, including the following information on each **facility**:
 - (1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing ~~emission units and associated~~ emission control devices;
 - (2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions;
 - (3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.

If due to circumstances beyond its control, the PMP cannot be prepared and maintained within the above time frame, the Permittee may extend the date an additional ninety (90) days provided the Permittee notifies:

**Indiana Department of Environmental Management
Compliance Branch, Office of Air Management
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015**

- (b) The Permittee shall implement the Preventive Maintenance Plans as necessary to ensure that lack of proper maintenance does not cause or contribute to a violation of any limitation on emissions or potential to emit.
- (c) PMP's shall be submitted to IDEM, OAM, upon request and shall be subject to review and approval by IDEM, OAM.

9. Condition B.14 "Permit Shield" has been changed to be as follows:

B.14 Permit Shield [326 IAC 2-7-15]

- (a) This condition provides a permit shield as addressed in 326 IAC 2-7-15.**
- ~~(a)~~ **(b) This permit shall be used as the primary document for determining compliance with applicable requirements established by previously issued permits.** Compliance with the conditions of this permit shall be deemed in compliance with any applicable requirements as of the date of permit issuance, provided ~~that either of the following:~~
- (1) The applicable requirements are included and specifically identified in this permit; **or**
 - (2) ~~IDEM, OAM in acting on the Part 70 permit application or revision, determines in writing that other requirements specifically identified are not applicable to the source, and the Part 70 permit includes the determination or a concise summary thereof. The permit contains an explicit determination or concise summary of a determination that other specifically identified requirements are not applicable.~~
- ~~(b)~~ **(c) No permit shield shall apply to any permit term or condition that is determined after issuance of this permit to have been based on erroneous information supplied in the permit application. If, after issuance of this permit, it is determined that the permit is in nonconformance with an applicable requirement that applied to the source on the date of permit issuance, including any term or condition from a previously issued construction or operation permit, IDEM, OAM shall immediately take steps to reopen and revise this permit and issue a compliance order to the Permittee to ensure expeditious compliance with the applicable requirement until the permit is reissued. The permit shield shall continue in effect so long as the Permittee is in compliance with the compliance order.**
- ~~(c)~~ **(d) If, after issuance of this permit, it is determined that the permit is in nonconformance with an applicable requirement, IDEM, OAM, shall immediately take steps to reopen and revise this permit and issue a compliance order to the Permittee to ensure expeditious compliance with the applicable requirement until the permit is reissued. The permit shield shall continue in effect so long as the Permittee is in compliance with the compliance order. No permit shield shall apply to any permit term or condition that is determined after issuance of this permit to have been based on erroneous information supplied in the permit application.**
- ~~(d)~~ **(e) Nothing in 326 IAC 2-7-15 or in this permit shall alter or affect the following:**
- (1) The provisions of Section 303 of the Clean Air Act (emergency orders), including the authority of the U.S. EPA under Section 303 of the Clean Air Act;
 - (2) The liability of the Permittee for any violation of applicable requirements prior to or at the time of this permit's issuance;
 - (3) The applicable requirements of the acid rain program, consistent with Section 408(a) of the Clean Air Act; and
 - (4) The ability of U.S. EPA to obtain information from the Permittee under Section 114 of the Clean Air Act.

- ~~(e)~~ (f) This permit shield is not applicable to any change made under 326 IAC 2-7-20(b)(2) (Sections 502(b)(10) of the Clean Air Act changes) and 326 IAC 2-7-20(c)(2) (trading based on State Implementation Plan (SIP) provisions).
- ~~(f)~~ (g) This permit shield is not applicable to modifications eligible for group processing until after IDEM, OAM, has issued the modifications. [326 IAC 2-7-12(c)(7)]
- ~~(g)~~ (h) This permit shield is not applicable to minor Part 70 permit modifications until after IDEM, OAM, has issued the modification. [326 IAC 2-7-12(b)(8)]

10. Condition B.16 "Deviations from Permit Requirements and Conditions" has been changed to be as follows:

B.16 **Deviations from Permit Requirements and Conditions** [326 IAC 2-7-5(3)(C)(ii)]

- (a) Deviations from any permit requirements (for emergencies see Section B - Emergency Provisions), the probable cause of such deviations, and any response steps or preventive measures taken shall be reported to:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Management
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

within ten (10) calendar days from the date of the discovery of the deviation.

- (b) **A deviation is an exceedance of a permit limitation or a failure to comply with a requirement of the permit or a rule. It does not include:**
 - (1) **An excursion from compliance monitoring parameters as identified in Section D of this permit unless tied to an applicable rule or limit; or**
 - (2) **An emergency as defined in 326 IAC 2-7-1(12); or**
 - (3) **Failure to implement elements of the Preventive Maintenance Plan unless lack of maintenance has caused or contributed to a deviation.**
 - (4) **Failure to make or record information required by the compliance monitoring provisions of Section D unless such failure exceeds 5% of the required data in any calendar quarter.**
- A Permittee's failure to take the appropriate response step when an excursion of a compliance monitoring parameter has occurred is a deviation.**
- ~~(b)~~ (c) Written notification shall be submitted on the attached Emergency/Deviation Occurrence Reporting Form or its substantial equivalent. **The notification does not need to be certified by the "responsible official" as defined by 326 IAC 2-7-1(34).**
- ~~(c)~~ (d) Proper notice submittal under 326 IAC 2-7-16 satisfies the requirement of this subsection.

11. Condition B.18(a) "Permit Renewal" has been changed to be as follows:

- (a) The application for renewal shall be submitted using the application form or forms prescribed by IDEM, OAM, and shall include the information specified in 326 IAC 2-7-4. Such information shall be included in the application for each emission unit at this source, except those emission units included on the trivial or insignificant activities list contained in 326 IAC 2-7-1(21) **and 326 IAC 2-7-1(40)**.

12. Condition B.19 "Administrative Permit Amendment", Condition B.20 "Minor Permit Modification", and Condition B.21 "Significant Permit Modification" have all been combined into one condition numbered Condition B.19 "Permit Amendment or Modification" as follows. The remaining conditions of this section have been renumbered:

~~B.19 Administrative Permit Amendment [326 IAC 2-7-11]~~

- ~~(a) An administrative permit amendment is a Part 70 permit revision that makes changes of the type specified under 326 IAC 2-7-11(a).~~
- ~~(b) An administrative permit amendment may be made by IDEM, OAM consistent with the procedures specified under 326 IAC 2-7-11(c).~~
- ~~(c) The Permittee may implement the changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-7-11(c)(3)]~~

~~B.20 Minor Permit Modification [326 IAC 2-7-12]~~

- ~~(a) A permit modification is any revision to this permit that cannot be accomplished as an administrative permit amendment under 326 IAC 2-7-11.~~
- ~~(b) Minor modification to this permit shall follow the procedures specified under 326 IAC 2-7-12(b), except as provided by 326 IAC 2-7-12(c).~~
- ~~(c) An application requesting the use of minor modification procedures shall meet the requirements of 326 IAC 2-7-12(b) and shall include the information required in 326 IAC 2-7-12(b)(3)(A) through (E).~~
- ~~(d) The Permittee may make the change proposed in its minor permit modification application immediately after it files such application provided that the change has received any approval required by 326 IAC 2-1. After the Permittee makes the change allowed under minor permit modification procedures, and until IDEM, OAM takes any of the actions specified in 326 IAC 2-7-12(b)(6)(A) through (C), the Permittee must comply with both the applicable requirements governing the change and the proposed permit terms and conditions. During this period, the Permittee need not comply with the existing permit terms and conditions it seeks to modify. If the Permittee fails to comply with its proposed permit terms and conditions during this time period, the existing permit terms and conditions it seeks to modify may be enforced against it. [326 IAC 2-7-12(b)(7)]~~

~~B.21 Significant Permit Modification [326 IAC 2-7-12(d)]~~

- ~~(a) Significant modification procedures shall be used for applications requesting permit modifications that do not qualify as minor permit modifications or as administrative amendments.~~
- ~~(b) Every significant change in existing monitoring permit terms or conditions and every relaxation of reporting or record keeping permit terms or conditions of this permit shall be considered significant.~~

- ~~(c) Nothing in 326 IAC 2-7-12(d) shall be construed to preclude the Permittee from making changes consistent with 326 IAC 2-7 that would render existing permit compliance terms and conditions irrelevant.~~
- ~~(d) Significant modifications of this permit shall meet all requirements of 326 IAC 2-7, including those for application, public participation, review by affected states, review by the U.S. EPA, and availability of the permit shield, as they apply to permit issuance and renewal.~~

B.19 Permit Amendment or Modification [326 IAC 2-7-11] [326 IAC 2-7-12]

- (a) The Permittee must comply with the requirements of 326 IAC 2-7-11 or 326 IAC 2-7-12 whenever the Permittee seeks to amend or modify this permit.
- (b) Any application requesting an amendment or modification of this permit shall be submitted to:

**Indiana Department of Environmental Management
Permits Branch, Office of Air Management
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015**

Any such application should be certified by the “responsible official” as defined by 326 IAC 2-7-1(34) only if a certification is required by the terms of the applicable rule.
- (c) The Permittee may implement the administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-7-11(c)(3)]

13. Condition B.26 (now renumbered Condition B.24) “Inspection and Entry” has been changed to be as follows:

B.2624 Inspection and Entry [326 IAC 2-7-6(2)]

Upon presentation of ~~IDEM~~ **proper** identification cards, credentials, and other documents as may be required by law, the Permittee shall allow IDEM, OAM, U.S. EPA, or an authorized representative to perform the following:

- (a) Enter upon the Permittee's premises where a Part 70 source is located, or emissions related activity is conducted, or where records must be kept under the conditions of this permit;
- (b) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
- (c) Inspect, at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit;
- (d) Sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with this permit or applicable requirements; and
- (e) Utilize any photographic, recording, testing, monitoring, or other equipment for the purpose of assuring compliance with this permit or applicable requirements.
[326 IAC 2-7-6(6)]

- (1) **The Permittee may assert a claim that, in the opinion of the Permittee, information removed or about to be removed from the source by IDEM, OAM, or an authorized representative, contains information that is confidential under IC 5-14-3-4(a). The claim shall be made in writing before or at the time the information is removed from the source. In the event that a claim of confidentiality is so asserted, neither IDEM, OAM, nor an authorized representative, may disclose the information unless and until IDEM, OAM, makes a determination under 326 IAC 17-1-7 through 326 IAC 17-1-9 that the information is not entitled to confidential treatment and that determination becomes final. [IC 5-14-3-4; IC 13-14-11-3; 326 IAC 17-1-7 through 326 IAC 17-1-9]**
- (2) **The Permittee, and IDEM, OAM acknowledge that the federal law applies to claims of confidentiality made by the Permittee with regard to information removed or about to be removed from the source by U.S. EPA. [40 CFR Part 2, Subpart B]**

14. Condition B.27(b) (now renumbered Condition B.25(b)) "Transfer of Ownership or Operation" has been changed to be as follows:

- (b) The written notification shall be sufficient to transfer the permit to the new owner by an administrative amendment pursuant to 326 IAC 2-7-11. **The notification which shall be submitted by the Permittee does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).**

15. Condition B.28 (now renumbered Condition B.26) "Annual Fee Payment" has been changed to be as follows:

~~B.28~~**26** Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-7-5(7)]

- (a) The Permittee shall pay annual fees to IDEM, OAM within thirty (30) calendar days of receipt of a billing. ~~or in a time period consistent with the fee schedule established in 326 IAC 2-7-19. If the Permittee does not receive a bill from IDEM, OAM the applicable fee is due April 1 of each year.~~
- (b) Failure to pay may result in administrative enforcement action, or revocation of this permit.
- (c) ~~If the Permittee does not receive a bill from IDEM, OAM, thirty (30) calendar days before the due date, The Permittee may call the following telephone numbers: 1-800-451-6027 or 317-233-0425 (ask for OAM, Technical Support and Modeling Section), to determine the appropriate permit fee. The applicable fee is due April 1 of each year.~~

16. Condition C.1 "Major Source" has been deleted from the final permit as follows. The remaining conditions of this section have been renumbered:

~~C.1 Major Source~~

~~Pursuant to 326 IAC 2-2 (Prevention of Significant Deterioration) and 40 CFR 52.21, this source is a major source.~~

17. Condition C.1 "Particulate Matter Emission Limitations for Processes with Process Weight Rates Less Than One Hundred pounds per hour" has been added to the permit as follows. The remaining conditions of this section have been renumbered:

C.1 Particulate Matter Emission Limitations For Processes with Process Weight Rates Less Than One Hundred (100) pounds per hour [326 IAC 6-3-2(c)]

Pursuant to 326 IAC 6-3-2(c), the allowable particulate matter emissions rate from any process not already regulated by 326 IAC 6-1 or any New Source Performance Standard, and which has a maximum process weight rate less than 100 pounds per hour shall not exceed 0.551 pounds per hour.

18. Condition C.2 "Opacity" has been changed to be as follows:

C.2 Opacity [326 IAC 5-1]

Pursuant to 326 IAC 5-1-2 (~~Visible Emissions~~ **Opacity** Limitations), except as provided in 326 IAC 5-1-3 (Temporary Exemptions), ~~visible emissions opacity~~ shall meet the following, unless otherwise stated in this permit:

- (a) ~~Visible emissions~~ **Opacity** shall not exceed an average of forty percent (40%) ~~opacity~~ in ~~twenty four (24) consecutive readings~~ **any one (1) six minute averaging period**, as determined in 326 IAC 5-1-4.
- (b) ~~Visible emissions~~ **Opacity** shall not exceed sixty percent (60%) ~~opacity~~ for more than a cumulative total of fifteen (15) minutes (sixty (60) readings **as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor**) in a six (6) hour period.

19. Condition C.6 "Operation of Equipment" has been changed to be as follows:

C.6 Operation of Equipment [326 IAC 2-7-6(6)]

All air pollution control equipment listed in this permit **and used to comply with an applicable requirement** shall be operated at all times that the emission unit(s) vented to the control equipment are in operation. ~~as described in Section D of this permit.~~

20. Condition C.7 "Asbestos Abatement Projects- Accreditation" and Condition C.14 "Asbestos Abatement Projects" have been combined into one condition as follows:

~~C.7 Asbestos Abatement Projects - Accreditation [326 IAC 14-10] [326 IAC 18] [40 CFR 61, Subpart M]~~

~~Prior to the commencement of any demolition or renovation activities, the Permittee shall use an Indiana accredited asbestos inspector to inspect thoroughly the affected facility or part of the facility where the demolition or renovation operation will occur for the presence of asbestos, including Category I and Category II nonfriable asbestos containing material. The requirement that the inspector be accredited is federally enforceable.~~

C.7 Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18] [40 CFR 61.140]

- (a) **Notification requirements apply to each owner or operator. If the combined amount of regulated asbestos containing material (RACM) to be stripped, removed or disturbed is at least 260 linear feet on pipes or 160 square feet on other facility components, or at least thirty-five (35) cubic feet on all facility components, then the notification requirements of 326 IAC 14-10-3 are mandatory. All demolition projects require notification whether or not asbestos is present.**
- (b) **The Permittee shall ensure that a written notification is sent on a form provided by the Commissioner at least ten (10) working days before asbestos stripping or removal work or before demolition begins, per 326 IAC 14-10-3, and shall update such notice as necessary, including, but not limited to the following:**

- (1) **When the amount of affected asbestos containing material increases or decreases by at least twenty percent (20%); or**
- (2) **If there is a change in the following:**
 - (A) **Asbestos removal or demolition start date;**
 - (B) **Removal or demolition contractor; or**
 - (C) **Waste disposal site.**
- (c) **The Permittee shall ensure that the notice is postmarked or delivered according to the guidelines set forth in 326 IAC 14-10-3(2).**
- (d) **The notice to be submitted shall include the information enumerated in 326 IAC 14-10-3(3).**

All required notifications shall be submitted to:

**Indiana Department of Environmental Management
Asbestos Section, Office of Air Management
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015**

The notifications do not require a certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (e) **Procedures for Asbestos Emission Control**
The Permittee shall comply with the emission control procedures in 326 IAC 14-10-4 and 40 CFR 61.145(c). Per 326 IAC 14-10-4 emission control requirements are mandatory for any removal or disturbance of RACM greater than three (3) linear feet on pipes or three (3) square feet on any other facility components or a total of at least 0.75 cubic feet on all facility components.
- (f) **Indiana Accredited Asbestos Inspector**
The Permittee shall comply with 326 IAC 14-10-1(a) that requires the owner or operator, prior to a renovation/demolition, to use an Indiana Accredited Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos. The requirement that the inspector be accredited is federally enforceable.

21. Condition C.8 "Performance Testing" has been changed to be as follows:

C.8 Performance Testing ~~[326 IAC 3-2-4]~~ [326 IAC 3-6]

- (a) All testing shall be performed according to the provisions of 326 IAC ~~3-2-4~~ **3-6** (Source Sampling Procedures), except as provided elsewhere in this permit, utilizing methods approved by IDEM, OAM.

A test protocol, except as provided elsewhere in this permit, shall be submitted to:

**Indiana Department of Environmental Management
Compliance Data Section, Office of Air Management
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015**

no later than thirty-five (35) days ~~before~~ **prior to** the intended test date. **The Permittee shall submit a notice of the actual test date to the above address so that it is received at least two weeks prior to the test date.**

- (b) All test reports must be received by IDEM, OAM within forty-five (45) days after the completion of the testing. An extension may be granted by the Commissioner, if the source submits to IDEM, OAM, a reasonable written explanation within five (5) days prior to the end of the initial forty-five (45) day period.

The documentation submitted by the Permittee does not require certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

22. Condition C.9 "Compliance Schedule" has been changed to be as follows:

C.9 Compliance Schedule [326 IAC 2-7-6(3)]

The Permittee:

- (a) **Has certified that all facilities at this source are in compliance with all applicable requirements; and** ~~Will continue to comply with such requirements that become effective during the term of this permit; and~~
- (b) Has submitted a statement that the Permittee will continue to comply with such requirements; and
- (c) **Will comply with such applicable requirements that become effective during the term of this permit.** ~~Has certified that all facilities at this source are in compliance with all applicable requirements.~~

23. Condition C.10 "Compliance Monitoring" has been changed to be as follows:

C.10 Compliance Monitoring [326 IAC 2-7-5(3)] [326 IAC 2-7-6(1)]

Compliance with applicable requirements shall be documented as required by this permit. The Permittee shall be responsible for installing any necessary equipment and initiating any required monitoring related to that equipment, no more than ninety (90) days after receipt of this permit. If due to circumstances beyond its control, this schedule cannot be met, the Permittee **may extend compliance schedule an additional ninety (90) days provided the Permittee shall** notifies:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Management
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

in writing, **prior to the end of the initial ninety (90) day compliance schedule** ~~no more than ninety (90) days after receipt of this permit, with full justification of the reasons for the inability to meet this date. and a schedule which it expects to meet. If a denial of the request is not received before the monitoring is fully implemented, the schedule shall be deemed approved.~~

The notification which shall be submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

24. Condition C.12 "Monitoring Methods" has been changed to be as follows:

C.12 Monitoring Methods [326 IAC 3]

Any monitoring or testing performed to meet the **applicable** requirements of this permit shall be performed according to the provisions of 326 IAC 3, 40 CFR 60, Appendix A, or other approved methods as specified in this permit.

25. Condition C.16 (now renumbered Condition C.15) "Risk Management Plan" has been changed to be as follows:

C.15 Risk Management Plan [326 IAC 2-7-5(12)] [40 CFR 68.215]

If a regulated substance, subject to 40 CFR 68, is present **in a process** in more than the threshold quantity, 40 CFR 68 is an applicable requirement and the Permittee shall:

- (a) Submit:
- (1) A compliance schedule for meeting the requirements of 40 CFR 68 by the date provided in 40 CFR 68.10(a); or
 - (2) As a part of the compliance certification submitted under 326 IAC 2-7-6(5), a certification statement that the source is in compliance with all the requirements of 40 CFR 68, including the registration and submission of a Risk Management Plan (RMP); and
 - (3) A verification to IDEM, OAM that a RMP or a revised plan was prepared and submitted as required by 40 CFR 68.
- (b) Provide annual certification to IDEM, OAM that the Risk Management Plan is being properly implemented.

All documents submitted pursuant to this condition shall include the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

26. The rule cites of Condition C.17 (now renumbered Condition C.16) "Compliance Monitoring Plan - Failure to Take Response Steps" have been changed to be as follows:

C.16 Compliance Monitoring Plan - Failure to Take Response Steps [326 IAC 2-7-5(9)] [326 IAC 2-7-6] [326 IAC 1-6]

27. Condition C.18 (now renumbered Condition C.17) "Actions Related to Noncompliance Demonstrated by a Stack Test" has been changed to be as follows:

C.17 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-7-5] [326 IAC 2-7-6]

- (a) When the results of a stack test performed in conformance with Section C - Performance Testing, of this permit exceed the level specified in any condition of this permit, the Permittee shall take appropriate corrective actions. The Permittee shall submit a description of these corrective actions to IDEM, OAM, within thirty (30) days of receipt of the test results. The Permittee shall take appropriate action to minimize emissions from the affected facility while the corrective actions are being implemented. IDEM, OAM shall notify the Permittee within thirty (30) days, if the corrective actions taken are deficient. The Permittee shall submit a description of additional corrective actions taken to IDEM, OAM within thirty (30) days of receipt of the notice of deficiency. IDEM, OAM reserves the authority to use enforcement activities to resolve noncompliant stack tests.

- (b) A retest to demonstrate compliance shall be performed within one hundred twenty (120) days of receipt of the original test results. Should the Permittee demonstrate to IDEM, OAM that retesting in one-hundred and twenty (120) days is not practicable, IDEM, OAM may extend the retesting deadline. Failure of the second test to demonstrate compliance with the appropriate permit conditions may be grounds for immediate revocation of the permit to operate the affected facility.

The documents submitted pursuant to this condition do not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

28. Condition C.19(a) (now renumbered Condition C.18(a)) "Emission Statement" has been changed to be as follows:

- (a) The Permittee shall submit an ~~certified~~, annual emission statement **certified pursuant to the requirements of 326 IAC 2-6**, that must be received by July 1 of each year and must comply with the minimum requirements specified in 326 IAC 2-6-4. The annual emission statement shall meet the following requirements:

29. The rule cite and (a) of Condition C.21 (now renumbered Condition C.20) "General Record Keeping Requirements" has been changed to be as follows:

C.2+20 General Record Keeping Requirements [326 IAC 2-7-5(3)(B)] [326 IAC 2-7-6]

- (a) Records of all required monitoring data and support information shall be retained for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. These records shall be kept at the source location **for a minimum of three (3) years** and available **upon the request** ~~within one (1) hour upon verbal request of an IDEM, OAM representative, for a minimum of three (3) years. They~~ **The records** may be stored elsewhere for the remaining two (2) years **as long as they are available upon request** ~~providing they are made available within thirty (30) days after written request. If the Commissioner makes a written request for records to the Permittee, the Permittee shall furnish the records to the Commissioner within a reasonable time.~~

30. Condition C.22 (now renumbered Condition C.21) "General Reporting Requirements" has been changed to be as follows:

C.221 General Reporting Requirements [326 IAC 2-7-5(3)(C)]

- (a) To affirm that the source has met all the **compliance monitoring** requirements stated in this permit the source shall submit a **Semi-annual Compliance Monitoring Report**. Any deviation from the requirements and the date(s) of each deviation must be reported.
- (b) The report required in (a) of this condition and reports required by conditions in Section D of this permit shall be submitted to:
- Indiana Department of Environmental Management
Compliance Data Section, Office of Air Management
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015
- (c) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAM on or before the date it is due.

- (d) Unless otherwise specified in this permit, any **semi-annual** report shall be submitted within thirty (30) days of the end of the reporting period.
- (e) All instances of deviations **as described in Section B- Deviations from Permit Requirements Conditions** must be clearly identified in such reports. ~~A reportable deviation is an exceedance of a permit limitation or a failure to comply with a requirement of the permit or a rule. It does not include:~~
- ~~(1) An excursion from compliance monitoring parameters as identified in Section D of this permit unless tied to an applicable rule or limit; or~~
 - ~~(2) An emergency as defined in 326 IAC 2-7-1(12); or~~
 - ~~(3) Failure to implement elements of the Preventive Maintenance Plan unless lack of maintenance has caused or contributed to a deviation.~~
 - ~~(4) Failure to make or record information required by the compliance monitoring provisions of Section D unless such failure exceeds 5% of the required data in any calendar quarter.~~
- ~~A Permittee's failure to take the appropriate response step when an excursion of a compliance monitoring parameter has occurred or failure to monitor or record the required compliance monitoring is a deviation.~~
- (f) Any corrective actions or response steps taken as a result of each deviation must be clearly identified in such reports.
- (g) The first report shall cover the period commencing on the date of issuance of this permit and ending on the last day of the reporting period.

The documents submitted pursuant to this condition do not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

31. The equipment listed in Section D.1 "FACILITY OPERATION CONDITIONS" has been changed to be as follows:

Facility Description [326 IAC 2-7-5(15)]

- (1) One (1) Cleaver Brooks natural gas fueled boiler, constructed in December 1996, identified as Boiler, with a maximum heat input capacity of 12.56 million British thermal units per hour (mmBtu/hr), exhausting to one (1) stack (22);
- (2) One (1) Line 3 natural gas fueled air make-up unit, constructed in June 1992, identified as Air Make-up, with a maximum heat input capacity of 12.96 million British thermal units per hour (mmBtu/hr);

32. Condition D.1.2 "Testing Requirements" has been changed to be as follows:

D.1.2 Testing Requirements [326 IAC 2-7-6(1),(6)]

~~Testing of The Permittee is not required to test this facility is not specifically required~~ by this permit. However, **IDEM may require compliance testing at any specific time when necessary to determine if the facility is in compliance.** If testing is required by **IDEM**, compliance with the particulate matter (PM) limit specified in Condition D.1.1 shall be determined by a performance test conducted in accordance with Section C - Performance Testing. ~~This does not preclude testing requirements on this facility under 326 IAC 2-7-5 and 326 IAC 2-7-6.~~

33. The equipment listed in Section D.2 "FACILITY OPERATION CONDITIONS" has been changed to be as follows:

Facility Description 326 IAC 2-7-5(15)]

- (3) One (1) metal and vinyl coil coating line, identified as Line 2, with maximum capacity of ~~forty thousand (40,000)~~ **44,812** pounds metal per hour, using one (1) thermal afterburner as control consisting of the following equipment:
- (A) One (1) Wet Section and Brush, constructed in 1964, exhausting to one (1) stack (1);
 - (B) Cooling Towers, constructed in October 1993, exhausting to one (1) stack (2);
 - (C) Cooling Towers, constructed in October 1993, exhausting to one (1) stack (3);
 - (D) One (1) Afterburner stack, constructed in September 1995, identified as 4A;
 - (E) One (1) **Afterburner** Bypass stack, constructed in September 1995, identified as 4B;
 - (F) One (1) Prime coater room, constructed in 1964, method of application is rollcoating, exhausting to one (1) stack (5);
 - (G) One (1) Finish coater room, constructed in 1964, method of application is rollcoating, exhausting to one (1) stack (6);
 - (H) One (1) Finish quench, constructed in 1964, exhausting to one (1) stack (7); and
 - (I) One (1) Air Knife exhaust, constructed in 1964, identified as 20.
- (4) One (1) metal coil coating line, constructed in 1968, identified as Line 3, with maximum capacity of ~~fifty thousand (50,000)~~ **57,105** pounds metal per hour, using ~~two (2)~~ **one (1)** thermal afterburner as control, consisting of the following equipment:
- (A) One (1) preclean wet section, exhausting to one (1) stack (11);
 - (B) One (1) wet section exhaust, identified as 12;
 - (C) One (1) prime and finish coater, method of application is rollcoating, exhausting to one (1) stack (13);
 - (D) One (1) waste heat fired boiler bypass (prime) **and afterburner**, exhausting to one (1) stack (14A);
 - (E) One (1) boiler **and afterburner** stack (prime), identified as 14B;
 - (F) One (1) waste heat fired boiler bypass (finish), exhausting to one (1) stack (15A);
 - (G) One (1) boiler stack (finish), identified as 15B;
 - (H) One (1) prime quench, exhausting to one (1) stack (16);
 - (I) One (1) finish quench, exhausting to one (1) stack (17);
 - (J) Cooling ~~tunnels~~ **towers**, exhausting to one (1) stack (18);
 - (K) Cooling ~~tunnels~~ **towers**, exhausting to one (1) stack (19);
 - (L) One (1) air knife exhaust, identified as 21;

34. Condition D.2.1 "Volatile Organic Compound" has been changed to be as follows:

D.2.1 Volatile Organic Compound (VOC) [326 IAC 8-2-4]

- (a) Pursuant to 326 IAC 8-2-4 (Coil Coating Operations), ~~the Permittee shall not~~ **no owner or operator of a facility engaged in the surface coating of metal or vinyl coils may cause**, allow or permit the discharge into the atmosphere of any volatile organic compound in excess of 2.6 pounds **of VOC** per gallon of coating, excluding water, **delivered to the coating applicator.**
- (b) **When operating the thermal oxidizer to achieve the limit for 326 IAC 8-2-4, 2.6 pounds of VOC emitted to the atmosphere per gallon of coating less water delivered to the applicator, the thermal oxidizer shall maintain a minimum 95% capture efficiency and 95% destruction efficiency. These efficiencies and the use of thermal oxidizer are required by 326 IAC 8-1-2(a)(2). Based upon 326 IAC 8-1-2(c) and the overall control efficiency of 90%, the VOC content of the coating shall not exceed 40.2 pounds per gallon of coating solids delivered to the applicator.**

35. Condition D.2.5 "Testing Requirements" has been changed to be as follows to clarify what needs to be tested and how the lines are to be tested:

D.2.5 Testing Requirements [326 IAC 2-7-6(1),(6)]

During the period between 30 and 36 months after issuance of this permit, the Permittee shall perform VOC testing **using coatings that are equal to or greater than ninety-five percent (95%) of worst cast potential Volatile Organic Compound (VOC) emissions** utilizing Method 25 (40 CFR 60, Appendix A), or other methods as approved by the Commissioner **for both Lines 2 and 3**. This test shall be repeated at least once every five (5) years from the date of this valid compliance demonstration. **In addition to these requirements, IDEM may require compliance testing when necessary to determine if the facility is in compliance.**

36. Condition D.2.7 "Volatile Organic Compound" has been changed to be as follows:

D.2.7 Volatile Organic Compounds (VOC)

Compliance with the VOC content and usage limitations contained in Conditions D.2.1 and D.2.2 shall be determined pursuant to ~~326 IAC 8-1-4(a)(3)(A)~~ **326 IAC 8-1-4(a)(3)** and ~~326 IAC 8-1-2(a)(7)~~ **326 IAC 8-1-2(a)** using formulation data supplied by the coating manufacturer. IDEM, OAM reserves the authority to determine compliance using Method 24 in conjunction with the analytical procedures specified in 326 IAC 8-1-4.

37. On the Certification Form, the line "Emergency/Deviation Occurrence Reporting Form" has been deleted.
38. On the Emergency/ Deviation Occurrence Reporting Form, the last sentence "Attach a signed certification to complete this report" has been deleted from the bottom of the second page.
39. The Quarterly Compliance Report is now called the Semi-Annual Compliance Monitoring Report, delete the column marked "No Deviations", and the language has been changed.