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

Mitchell E. Daniels, Jr.
Governor

Thomas W. Easterly
Commissioner

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

TO: Interested Parties / Applicant

DATE: September 28, 2005

RE: I/N Tek and I/N Kote / 141-21586-00159

FROM: Paul Dubenetzky
Chief, Permits Branch
Office of Air Quality

Notice of Decision – Approval

Please be advised that on behalf of the Commissioner of the Department of Environmental Management, I have issued a decision regarding the enclosed matter. Pursuant to 326 IAC 2, this approval was effective immediately upon submittal of the application.

If you wish to challenge this decision, IC 4-21.5-3-7 requires that you file a petition for administrative review. This petition may include a request for stay of effectiveness and must be submitted to the Office of Environmental Adjudication, 100 North Senate Avenue, Government Center North, Room 1049, Indianapolis, IN 46204, **within eighteen (18) calendar days from the mailing of this notice**. The filing of a petition for administrative review is complete on the earliest of the following dates that apply to the filing:

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

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

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

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

Enclosures
FNPER-AM.dot 1/10/05

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PART 70 OPERATING PERMIT
OFFICE OF AIR QUALITY

I/N Tek & I/N Kote
30755 Edison Road
New Carlisle, Indiana 46552

(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.

The Permittee must comply with all conditions of this permit. Noncompliance with any provisions of this permit is grounds for enforcement action; permit termination, revocation and reissuance, or modification; or denial of a permit renewal application. Noncompliance with any provision of this permit, except any provision specifically designated as not federally enforceable, constitutes a violation of the Clean Air Act. 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. An emergency does constitute an affirmative defense in an enforcement action provided the Permittee complies with the applicable requirements set forth in Section B, Emergency Provisions.

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 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.: T141-7316-00159	
Issued by: Original signed by Janet G. McCabe, Assistant Commissioner Office of Air Quality	Issuance Date: June 30, 2004 Expiration Date: June 30, 2009
First Administrative Amendment No.: 141-21586-00159	Pages Affected: 6 – 8, 27, 28, 31, 33, 35, 38, 43
Issued by: Original Signed By: Nisha Sizemore, Section Chief Permits Branch Office of Air Quality	Issuance Date: September 28, 2005

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SECTION A SOURCE SUMMARY

This permit is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ). The information describing the source contained in conditions A.1, A.3 and A.4 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)] [326 IAC 2-7-1(22)]

The Permittee owns and operates a stationary continuous cold mill, a continuous hot dip galvanizing line and an electrolytic galvanizing line at a metal coil-manufacturing source.

Responsible Official:	President, I/N Tek & I/N Kote
Source Address:	30755 Edison Road, New Carlisle, Indiana 46552
Mailing Address:	30755 Edison Road, New Carlisle, Indiana 46552
General Source Phone No.:	574-654-1317
SIC Code:	3316 and 3471
County Location:	St. Joseph County
County Status:	Nonattainment for 8-hour ozone standard Attainment for all other criteria pollutants
Source Status:	Part 70 Permit Program Major Source, under PSD; Minor Source, Section 112 of the Clean Air Act 1 of 28 Source Categories (326 IAC 2-2)

A.2 Part 70 Source Definition [326 IAC 2-7-1(22)]

This stationary continuous cold mill, a continuous hot dip galvanizing line and an electrolytic galvanizing line at a metal coil-manufacturing source consists of two (2) plants:

(a) I/N Tek (141-00040) is located at 30755 Edison Road, New Carlisle, Indiana; and

(b) I/N Kote (141-00046) is located at 30755 Edison Road, New Carlisle, Indiana.

Since the two (2) plants are located in contiguous properties, I/N Tek supports I/N Kote and both partnerships are owned by subsidiaries of the same companies, they will be considered one (1) source and assigned plant identification number 141-00159.

A.3 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:

I/N Tek (continuous cold mill (CCM) for the production of cold-rolled steel strips in the coil form)

(gear modification October 10, 2000 to allow for higher line speed to produce lighter and narrower products for EU1-EU5)

(a) One (1) pinch roll leveler (EU1), equipped with a baghouse for particulate matter control, exhausted through stack 1, installed on October 15, 1987, nominal capacity: 881,840 pounds per hour of hot rolled steel strip in coil form.

(b) One (1) flash butt welder (EU2), equipped with a in-line separator and a baghouse for particulate matter control, exhausted through stack 2, installed on October 15, 1987, nominal capacity: 881,840 pounds per hour of hot rolled steel strip in coil form.

(c) One (1) descale acid pickling line (EU4), equipped with a counter-current packed tower

scrubber and mist eliminator, exhausted through stack 4, installed on October 15, 1987, nominal capacity: 881,840 pounds per hour of hot rolled steel strip in coil form.

(d) One (1) tandem cold mill (EU5), equipped with two (2) baffle plate collision mist eliminators, exhausted through stack 5, installed on October 15, 1987, nominal capacity: 881,840 pounds per hour of hot rolled steel strip in coil form.

(e) One (1) electrolytic cleaning operation (EU6), equipped with a scrubber, exhausted through stack 6, installed on October 15, 1987, nominal capacity: 540,000 pounds per hour of cold rolled steel strip in coil form.

(f) One (1) post treatment pickling operation (EU9), equipped with a counter-current packed tower scrubber with a mesh-type mist eliminator, exhausted through stack 9, installed on October 15, 1987, nominal capacity: 540,000 pounds per hour of cold rolled strip steel.

(g) One (1) roll shot cabinet (EU11), equipped with a baghouse for particulate matter control, exhausted through stack 11, installed on October 15, 1987, nominal capacity: 20,000 pounds per hour of steel rolls.

(h) One (1) natural gas-fired annealing furnace (EU7-1), rated at 222 million British thermal units per hour, controlled by a Bloom 2320 burner or equivalent, exhausted through stack 7, installed on November 3, 1988.

(i) One (1) natural gas-fired waste heat boiler (EU7-2), rated at 95.0 million British thermal units per hour, controlled by a NO_X suppression-design and flue gas recirculation, exhausted through stack 7, installed on November 3, 1988.

(j) One (1) natural gas-fired package boiler (EU7-3), rated at 70.8 million British thermal units per hour, controlled by a NO_X suppression-design and flue gas recirculation, exhausted through stack 7, installed on November 3, 1988.

I/N Kote (continuous hot dip galvanizing line (CGL)

(k) One (1) CGL natural gas-fired, low NO_X heating furnace (EU21), rated at 113.1 million British thermal units per hour, controlled by low-NO_X regenerative burners, exhausted through stack 21, installed on November 15, 1991.

(l) One (1) CGL natural gas-fired, galvannealing furnace (EU22), rated at 30.2 million British thermal units per hour, controlled by low NO_x burners, exhausted through stack 22, installed on November 15, 1991.

(m) One (1) natural gas-fired package boiler (EU27), exhausted through stack 27, rated at 71.5 million British thermal units per hour, controlled by flue gas recirculation, installed on November 15, 1991.

(n) One (1) CGL electrolytic cleaning operation (EU20), equipped with a scrubber with horizontal mist eliminator, exhausted through stack 20, installed on November 15, 1991, nominal capacity: 123,800 pounds per hour of uncoated cold rolled steel strip.

(o) One CGL skin pass mill (EU31), equipped with a scrubber and a horizontal mist eliminator, exhausted through stack 31, installed on November 15, 1991, nominal capacity: 123,800 pounds per hour of uncoated cold rolled steel strip.

(p) One (1) CGL sink roll pickling operation (EU32), equipped with a scrubber with vertical mist eliminator, exhausted through stack 32, installed on November 15, 1991, capacity: fume exhaust 10,000 standard cubic feet per minute.

I/N Kote (electrolytic galvanizing line (EGL)

(q) One (1) EGL surface activation and plating operation (EU24), equipped with a scrubber with vertical mist eliminator, exhausted through stack 24, installed on November 15, 1991, nominal capacity: 135,900 pounds of uncoated cold rolled steel strip.

(r) One (1) EGL degreasing operation (EU25), equipped with a mist eliminator, exhausted through stack 25, installed on November 15, 1991, nominal capacity 135,900 pounds per hour of uncoated cold rolled steel strip.

(s) One (1) EGL pre-cleaning operation (EU26), equipped with a mist eliminator, exhausted through stack 26, installed on November 15, 1991, nominal capacity: 135,900 pounds per hour of uncoated cold rolled steel strip.

Internal combustion engines

(t) Three (3) 1000 horsepower switching locomotives, each with a maximum capacity of 26.97 gal/hr of diesel fuel

A.4 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 also includes the following insignificant activities which are specifically regulated, as defined in 326 IAC 2-7-1(21):

(a) Natural gas-fired combustion sources with heat input equal to or less than ten million (10,000,000) British thermal units per hour (space heaters with a total capacity: 76.3 million British thermal units per hour at the I/N Kote facility only). [CP 141-2750-00040/00046]

(b) Degreasing operations that do not exceed 145 gallons per 12 months, except if subject to 326 IAC 20-6. [326 IAC 8-3-2][326 IAC 8-3-5]

(c) The following equipment related to manufacturing activities not resulting in the emission of HAPs: brazing equipment, cutting torches soldering equipment, welding equipment. [326 IAC 6.5-1-2]

(d) Lime storage silo; inspection line electrostatic oiler; electric motor ventilation; skinpass oil room ventilation; wrapping line edge oiler; CGL quench fume. [326 IAC 6.5-1-2]

A.5 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 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, the applicable definitions found in the statutes or regulations (IC 13-11, 326 IAC 1-2 and 326 IAC 2-7) shall prevail.

B.2 Permit Term [326 IAC 2-7-5(2)] [326 IAC 2-1.1-9.5]

This permit is issued for a fixed term of five (5) years from the issuance date of this permit, as determined in accordance with IC 4-21.5-3-5(f) and IC 13-15-5-3. Subsequent revisions, modifications, or amendments of this permit do not affect the expiration date.

B.3 Enforceability [326 IAC 2-7-7]

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

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

(a) The Permittee shall furnish to IDEM, OAQ, within a reasonable time, any information that IDEM, OAQ, 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. The submittal by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34). Upon request, the Permittee shall also furnish to IDEM, OAQ, copies of records required to be kept by this permit.

(b) For information furnished by the Permittee to IDEM, OAQ, the Permittee may include a claim of confidentiality in accordance with 326 IAC 17.1. When furnishing copies of requested records directly to U. S. EPA, the Permittee may assert a claim of confidentiality in accordance with 40 CFR 2, Subpart B.

B.8 Certification [326 IAC 2-7-4(f)] [326 IAC 2-7-6(1)] [326 IAC 2-7-5(3)(C)]

(a) Where specifically designated by this permit or required by an applicable requirement, any application form, report, or compliance certification submitted shall contain certification by a responsible official of truth, accuracy, and completeness. This certification 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, using the attached Certification Form, with each submittal requiring certification.

(c) A responsible official is defined at 326 IAC 2-7-1(34).

B.9 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 initial certification shall cover the time period from the date of final permit issuance through December 31 of the same year. All subsequent certifications 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 April 15 of each year to:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue,
Indianapolis, Indiana 46204

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, OAQ, on or before the date it is due.

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

(1) The appropriate identification of each term or condition of this permit that is the basis of the certification;

(2) The compliance status;

(3) Whether compliance was continuous or intermittent;

(4) The methods used for determining the compliance status of the source, currently and over the reporting period consistent with 326 IAC 2-7-5(3); and

(5) Such other facts, as specified in Sections D of this permit, as IDEM, OAQ, 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.10 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 (PMPs) 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; and

(3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.

If, due to circumstances beyond the Permittee’s control, the PMPs 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 Quality
100 North Senate Avenue
Indianapolis, Indiana 46204

The PMP extension notification does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(b) The Permittee shall implement the PMPs, including any required record keeping, as necessary to ensure that failure to implement a PMP does not cause or contribute to an exceedance of any limitation on emissions or potential to emit.

(c) A copy of the PMPs shall be submitted to IDEM, OAQ, upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAQ. IDEM, OAQ, may require the Permittee to revise its PMPs whenever lack of proper maintenance causes or is the primary contributor to an exceedance of any limitation on emissions or potential to emit. The PMP does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(d) To the extent the Permittee is required by 40 CFR Part 60/63 to have an Operation, Maintenance, and Monitoring (OMM) Plan for a unit, such Plan is deemed to satisfy the PMP requirements of 326 IAC 1-6-3 for that unit.

B.11 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.

(b) An emergency, as defined in 326 IAC 2-7-1(12), constitutes an affirmative defense to an action brought for noncompliance with a 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, OAQ, and the Northern Regional Office (NRO) 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 Quality, Compliance Section), or
Telephone Number: 317-233-5674 (ask for Compliance Section)
Facsimile Number: 317-233-5967

Telephone Number: 1-800-753-5519 (ask for Office of Air Quality, Compliance Section)
NRO Telephone Number: 574-245-4870 (ask for Compliance Section)
NRO Facsimile Number: 574-245-4877

(5) For each emergency lasting one (1) hour or more, the Permittee submitted the attached Emergency Occurrence Report Form or its equivalent, either by mail or facsimile to:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204

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). This permit condition is in addition to any emergency or upset provision contained in any applicable requirement.

(e) IDEM, OAQ, 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, OAQ, by telephone or facsimile of an emergency lasting more than one (1) hour in accordance with (b)(4) and (5) of this condition shall constitute a violation of 326 IAC 2-7 and any other applicable rules.

(g) 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.

(h) Permittee shall include all emergencies in the Quarterly Deviation and Compliance Monitoring Report.

B.12 Permit Shield [326 IAC 2-7-15] [326 IAC 2-7-20] [326 IAC 2-7-12]

(a) Pursuant to 326 IAC 2-7-15, the Permittee has been granted a permit shield. The permit shield provides that 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 the applicable requirements are included and specifically identified in this permit or the permit contains an explicit determination or concise summary of a determination that other specifically identified requirements are not applicable. The Indiana statutes from IC 13 and rules from 326 IAC, referenced 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 or for applicable requirements for which a permit shield has been granted.

This permit shield does not extend to applicable requirements which are promulgated after the date of issuance of this permit unless this permit has been modified to reflect such new requirements.

(b) 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, IDEM, OAQ, 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) 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. Erroneous information means information that the Permittee knew to be false, or in the exercise of reasonable care should have been known to be false, at the time the information was submitted.

(d) 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) 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) This permit shield is not applicable to modifications eligible for group processing until after IDEM, OAQ, has issued the modifications. [326 IAC 2-7-12(c)(7)]

(g) This permit shield is not applicable to minor Part 70 permit modifications until after IDEM, OAQ, has issued the modification. [326 IAC 2-7-12(b)(8)]

B.13 Prior Permits Superseded [326 IAC 2-1.1-9.5]

(a) All terms and conditions of previous permits issued pursuant to permitting programs approved into the state implementation plan have been either

(1) incorporated as originally stated,

(2) revised, or

(3) deleted

by this permit.

(b) All previous registrations and permits are superseded by this permit.

B.14 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 Data Section, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204

using the attached Quarterly Deviation and Compliance Monitoring Report, or its equivalent. A deviation required to be reported pursuant to an applicable requirement that exists independent of this permit, shall be reported according to the schedule stated in the applicable requirement and does not need to be included in this report.

The Quarterly Deviation and Compliance Monitoring Report does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(b) A deviation is an exceedance of a permit limitation or a failure to comply with a requirement of the permit.

B.15 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)] The notification by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(b) This permit shall be reopened and revised under any of the circumstances listed in IC 13-15-7-2 or if IDEM, OAQ, 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, OAQ, 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, OAQ, at least thirty (30) days in advance of the date this permit is to be reopened, except that IDEM, OAQ, may provide a shorter time period in the case of an emergency. [326 IAC 2-7-9(c)]

B.16 Permit Renewal [326 IAC 2-7-4]

(a) The application for renewal shall be submitted using the application form or forms prescribed by IDEM, OAQ, 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). The renewal application does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

Request for renewal shall be submitted to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204

(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, OAQ, on or before the date it is due.

(2) If IDEM, OAQ, 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, OAQ, 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, OAQ, 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, OAQ, 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.17 Permit Amendment or Modification [326 IAC 2-7-11] [326 IAC 2-7-12]

(a) Permit amendments and modifications are governed by 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 Quality
100 North Senate Avenue
Indianapolis, Indiana 46204

Any such application shall be certified by the "responsible official" as defined by 326 IAC 2-7-1(34).

(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)]

(d) No permit amendment or modification is required for the addition, operation or removal of a nonroad engine, as defined in 40 CFR 89.2.

B.18 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) 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.19 Operational Flexibility [326 IAC 2-7-20] [326 IAC 2-7-10.5]

(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 preconstruction approval required by 326 IAC 2-7-10.5 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 Quality
100 North Senate Avenue
Indianapolis, Indiana 46204

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, OAQ, in the notices specified in 326 IAC 2-7-20(b)(1), (c)(1), and (e)(2).

(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). 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 is not considered an application form, report or compliance certification. Therefore, the notification 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, OAQ, or U.S. EPA is required.

B.20 Source Modification Requirement [326 IAC 2-7-10.5]

A modification, construction, or reconstruction is governed by the requirements of 326 IAC 2 and 326 IAC 2-7-10.5.

B.21 Inspection and Entry [326 IAC 2-7-6] [IC 13-14-2-2][IC 13-30-3-1][IC 13-17-3-2]

Upon presentation of proper identification cards, credentials, and other documents as may be required by law, and subject to the Permittee's right under all applicable laws and regulations to assert that the information collected by the agency is confidential and entitled to be treated as such, the Permittee shall allow IDEM, OAQ, 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) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, have access to and copy any records that must be kept under the conditions of this permit;

(c) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, inspect any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit;

(d) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, sample or monitor substances or parameters for the purpose of assuring compliance with this permit or applicable requirements; and

(e) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, utilize any photographic, recording, testing, monitoring, or other equipment for the purpose of assuring compliance with this permit or applicable requirements.

B.22 Transfer of Ownership or Operational Control [326 IAC 2-7-11]

(a) The Permittee must comply with the requirements of 326 IAC 2-7-11 whenever the

Permittee seeks to change the ownership or operational control of the source and no other change in the permit is necessary.

(b) Any application requesting a change in the ownership or operational control of the source shall contain a written agreement containing a specific date for transfer of permit responsibility, coverage and liability between the current and new Permittee. The application shall be submitted to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204

The application, 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) 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.23 Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-7-5(7)][326 IAC 2-1.1-7]

(a) The Permittee shall pay annual fees to IDEM, OAQ, within thirty (30) calendar days of receipt of a billing. Pursuant to 326 IAC 2-7-19(b), if the Permittee does not receive a bill from IDEM, OAQ, the applicable fee is due April 1 of each year.

(b) Except as provided in 326 IAC 2-7-19(e), 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 317-233-4230 (ask for OAQ, Billing, Licensing, and Training Section (BLT)), to determine the appropriate permit fee.

B.24 Credible Evidence [326 IAC 2-7-5(3)][326 IAC 2-7-6][62 FR 8314]

Notwithstanding the conditions of this permit that state specific methods that may be used to demonstrate compliance with, or a violation of, applicable requirements, any person (including the Permittee) may also use other credible evidence to demonstrate compliance with, or a violation of, any term or condition of this permit.

SECTION C SOURCE OPERATION CONDITIONS

Entire Source

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

C.1 Opacity [326 IAC 5-1]

Pursuant to 326 IAC 5-1-2 (Opacity Limitations), except as provided in 326 IAC 5-1-3 (Temporary Alternative Opacity Limitations), 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 (6) 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.2 Opacity [326 IAC 2-2]

Pursuant to CP 141-2750-00040/00046 issued October 28, 1996, 326 IAC 2-2(PSD) and 40 CFR 52.21, visible emissions from any stack, process exhaust, control device or building roof monitor shall not exceed five (5) percent opacity based on twenty-four (24) readings taken in accordance with 40 CFR 60, Appendix A, Method 9 and 326 IAC 5-1.

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. 326 IAC 9-1-2 is not federally enforceable.

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 Fugitive Particulate Matter Emission Limitations [326 IAC 6-5]

(a) Pursuant to 326 IAC 6-5 (Fugitive Particulate Matter Emission Limitations), fugitive particulate matter emissions shall be controlled according to the plan detailed in CP 141-2750-00040, issued October 28, 1996. The plan consists of:

(1) Since the Industrial Augmentation factor of I = 1 was used for the emissions inventory, vehicles shall be limited to traveling on paved surfaces only and not allowed to enter any paved surface except from public paved roads.

(2) Upon request of the Assistant Commissioner, I/N Kote shall sample and provide to IDEM surface material silt content and surface dust loadings in accordance with field and laboratory procedures given in Reference 1. IDEM will have the right to specify road segments to be sampled. I/N Kote shall provide supplemental cleaning of paved road sections found to exceed the controlled silt surface loading of 28.7 pounds per mile.

(3) I/N Kote shall test and provide to the Indiana Department of Environmental Management, Office of Air Management, representative silt loading measurements for 3 segments of paved road per month during the months of April through November. IDEM will have the right to specify road segments to be sampled. I/N Kote shall provide supplemental cleaning of paved road sections found to exceed the controlled silt surface loading of 28.7 pounds of silt per mile.

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

Except as otherwise provided by statute or rule, or in this permit, 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 is in operation.

C.8 Stack Height [326 IAC 1-7]

The Permittee shall comply with the applicable provisions of 326 IAC 1-7 (Stack Height Provisions), for all exhaust stacks through which a potential (before controls) of twenty-five (25) tons per year or more of particulate matter or sulfur dioxide is emitted. The provisions of 326 IAC 1-7-1(3), 326 IAC 1-7-2, 326 IAC 1-7-3(c) and (d), 326 IAC 1-7-4, and 326 IAC 1-7-5(a), (b), and (d) are not federally enforceable.

C.9 Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18] [40 CFR 61, Subpart M]

(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 Quality
100 North Senate Avenue
Indianapolis, Indiana 46204

The notice shall include a signed certification from the owner or operator that the information provided in this notification is correct and that only Indiana licensed workers and project supervisors will be used to implement the asbestos removal project. 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 applicable emission control procedures in 326 IAC 14-10-4 and 40 CFR 61.145(c). Per 326 IAC 14-10-1, emission control requirements are applicable 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, pursuant to the provisions of 40 CFR 61, Subpart M, is federally enforceable.

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

C.10 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 any applicable procedures and analysis methods specified in 40 CFR 51, 40 CFR 60, 40 CFR 61, 40 CFR 63, 40 CFR 75, or other procedures approved by IDEM, OAQ.

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 Quality
100 North Senate Avenue
Indianapolis, Indiana 46204

no later than thirty-five (35) days prior to the intended test date. The protocol submitted by the Permittee does not require certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(b) The Permittee shall notify IDEM, OAQ of the actual test date at least fourteen (14) days prior to the actual test date. The notification submitted by the Permittee does not require certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(c) Pursuant to 326 IAC 3-6-4(b), all test reports must be received by IDEM, OAQ not later than forty-five (45) days after the completion of the testing. An extension may be granted by IDEM, OAQ, if the Permittee submits to IDEM, OAQ, a reasonable written explanation not later than five (5) days prior to the end of the initial forty-five (45) day period.

Compliance Requirements [326 IAC 2-1.1-11]

C.11 Compliance Requirements [326 IAC 2-1.1-11]

The commissioner may require stack testing, monitoring, or reporting at any time to assure compliance with all applicable requirements by issuing an order under 326 IAC 2-1.1-11. Any monitoring or testing shall be performed in accordance with 326 IAC 3 or other methods approved by the commissioner or the U. S. EPA.

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

C.12 Compliance Monitoring [326 IAC 2-7-5(3)] [326 IAC 2-7-6(1)]

Unless otherwise specified in this permit, all monitoring and record keeping requirements not already legally required shall be implemented within ninety (90) days of permit issuance. If required

by Section D, the Permittee shall be responsible for installing any necessary equipment and initiating any required monitoring related to that equipment. If due to circumstances beyond its control, that equipment cannot be installed and operated within ninety (90) days, the Permittee may extend the compliance schedule related to the equipment for an additional ninety (90) days provided the Permittee notifies:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204

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).

Unless otherwise specified in the approval for the new emission unit(s), compliance monitoring for new emission units or emission units added through a source modification shall be implemented when operation begins.

C.13 Monitoring Methods [326 IAC 3] [40 CFR 60] [40 CFR 63]

Any monitoring or testing required by Section D of this permit shall be performed according to the provisions of 326 IAC 3, 40 CFR 60, Appendix A, 40 CFR 60 Appendix B, 40 CFR 63, or other approved methods as specified in this permit.

C.14 Pressure Gauge and Other Instrument Specifications [326 IAC 2-1.1-11] [326 IAC 2-7-5(3)] [326 IAC 2-7-6(1)]

(a) Whenever a condition in this permit requires the measurement of pressure drop 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 (±2%) of full scale reading.

(b) Whenever a condition in this permit requires the measurement of a temperature or flow rate, the instrument 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 (±2%) of full scale reading.

(c) The Permittee may request the IDEM, OAQ approve the use of a pressure gauge or other instrument that does not meet the above specifications provided the Permittee can demonstrate an alternative pressure gauge or other instrument specification will adequately ensure compliance with permit conditions requiring the measurement of pressure drop or other parameters.

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

C.15 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 2, 1996.

(b) Upon direct notification by IDEM, OAQ, 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.16 Risk Management Plan [326 IAC 2-7-5(12)] [40 CFR 68.215]

If a regulated substance, as defined in 40 CFR 68, is present at a source in more than a threshold quantity, the Permittee must comply with the applicable requirement of 40 CFR 68.

C.17 Compliance Response Plan - Preparation, Implementation, Records, and Reports [326 IAC 2-7-5] [326 IAC 2-7-6]

(a) The Permittee is required to prepare a Compliance Response Plan (CRP) for each compliance monitoring condition of this permit. If a Permittee is required to have an Operation, Maintenance and Monitoring (OMM) Plan (or Parametric Monitoring Plan and Start-up, Shutdown, and Malfunction (SSM) Plan) under 40 CFR 60/63, such plans shall be deemed to satisfy the requirements for a CRP for those compliance monitoring conditions. A CRP shall be submitted to IDEM, upon request. The CRP shall be prepared within ninety (90) days after issuance of this permit by the Permittee, supplemented from time to time by the Permittee, maintained on site, and comprised of:

(1) Reasonable response steps that may be implemented in the event that a response step is needed pursuant to the requirements of Section D of this permit; and an expected timeframe for taking reasonable response steps.

(2) If, at any time, the Permittee takes reasonable response steps that are not set forth in the Permittee's current Compliance Response Plan or Operation, Maintenance and Monitoring (OMM) Plan (or Parametric Monitoring Plan and Start-up, Shutdown, and Malfunction (SSM) Plan) and the Permittee documents such response in accordance with subsection (e) below, the Permittee shall amend its Compliance Response Plan or Operation, Maintenance and Monitoring (OMM) Plan (or Parametric Monitoring Plan and Start-up, Shutdown, and Malfunction (SSM) Plan) to include such response steps taken.

The OMM Plan (or Parametric Monitoring and SSM Plan) shall be submitted within the time frames specified by the applicable 40 CFR60/63 requirement.

(b) For each compliance monitoring condition of this permit, reasonable response steps shall be taken when indicated by the provisions of that compliance monitoring condition as follows:

(1) Reasonable response steps shall be taken as set forth in the Permittee's current Compliance Response Plan or Operation, Maintenance and Monitoring (OMM) Plan (or Parametric Monitoring Plan and Start-up, Shutdown, and Malfunction (SSM) Plan); or

(2) If none of the reasonable response steps listed in the Compliance Response Plan or Operation, Maintenance and Monitoring (OMM) Plan (or Parametric Monitoring Plan and Start-up, Shutdown, and Malfunction (SSM) Plan) is applicable or responsive to the excursion, the Permittee shall devise and implement additional response steps as expeditiously as practical. Taking such additional response steps shall not be considered a deviation from this permit so long as the Permittee documents such response steps in accordance with this condition.

(3) If the Permittee determines that additional response steps would necessitate that the emissions unit or control device be shut down, and it will be ten (10) days or more until the unit or device will be shut down, the Permittee shall promptly notify the IDEM, OAQ of the expected date of the shut down. The notification shall also include the status of the applicable compliance monitoring parameter with respect to normal, and the results of the actions taken up to the time of notification.

(4) Failure to take reasonable response steps shall be considered a deviation from the permit.

(c) The Permittee is not required to take any further response steps for any of the following

reasons:

(1) A false reading occurs due to the malfunction of the monitoring equipment and 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 a minor permit modification to the permit, and such request has not been denied.

(3) An automatic measurement was taken when the process was not operating.

(4) The process has already returned or is returning to operating within "normal" parameters and no response steps are required.

(d) When implementing reasonable steps in response to a compliance monitoring condition, if the Permittee determines that an exceedance of an emission limitation has occurred, the Permittee shall report such deviations pursuant to Section B-Deviations from Permit Requirements and Conditions.

(e) The Permittee shall record all instances when**,** in accordance with Section D, response steps are 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.

(f) Except as otherwise provided by a rule or provided specifically in Section D, all monitoring as required in Section D shall be performed when the emission unit is operating, except for time necessary to perform quality assurance and maintenance activities.

C.18 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 response actions. The Permittee shall submit a description of these response actions to IDEM, OAQ, within thirty (30) days of receipt of the test results. The Permittee shall take appropriate action to minimize excess emissions from the affected facility while the response actions are being implemented.

(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, OAQ that retesting in one-hundred and twenty (120) days is not practicable, IDEM, OAQ may extend the retesting deadline.

(c) IDEM, OAQ reserves the authority to take any actions allowed under law in response to noncompliant stack tests.

The documents submitted pursuant to this condition do 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.19 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) Pursuant to 326 IAC 2-6-3(a)(1), the Permittee shall submit by July 1 of each year an emission statement covering the previous calendar year. The emission statement shall contain, at a minimum, the information specified in 326 IAC 2-6-4(c) and shall meet the following requirements:

(1) Indicate estimated actual emissions of all pollutants listed in 326 IAC 2-6-4(a);

(2) Indicate estimated actual emissions of regulated pollutants (as defined by 326 IAC 2-7-1(32)) ("Regulated pollutant which is used only for purposes of Section 19 of this rule") from the source, for purposes of Part 70 fee assessment.

The statement must be submitted to:

Indiana Department of Environmental Management
Technical Support and Modeling Section, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204

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

(b) The 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, OAQ, on or before the date it is due.

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

(a) Records of all required data, reports 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. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner within a reasonable time.

(b) Unless otherwise specified in this permit, 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)] [326 IAC 2-1.1-11]

(a) The Permittee shall submit the attached Quarterly Deviation and Compliance Monitoring Report or its equivalent. Any deviation from permit requirements, the date(s) of each deviation, the cause of the deviation, and the response steps taken must be reported. This report shall be submitted within thirty (30) days of the end of the reporting period. The Quarterly Deviation and Compliance Monitoring Report shall include the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(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 Quality
100 North Senate Avenue
Indianapolis, Indiana 46204

(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, OAQ, on or before the date it is due.

(d) Unless otherwise specified in this permit, all reports required in Section D of this permit shall be submitted within thirty (30) days of the end of the reporting period. All reports do

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

(e) 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. Reporting periods are based on calendar years.

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)]- I/N Tek (continuous cold mill (CCM) for the production of cold-rolled steel strips in the coil form)

(gear modification October 10, 2000 to allow for higher line speed to produce lighter and narrower products for EU1-EU5)

(a) One (1) pinch roll leveler (EU1), equipped with a baghouse for particulate matter control, exhausted through stack 1, installed on October 15, 1987, nominal capacity: 881,840 pounds per hour of hot rolled steel strip in coil form.

(b) One (1) flash butt welder (EU2), equipped with a in-line separator and a baghouse for particulate matter control, exhausted through stack 2, installed on October 15, 1987, nominal capacity: 881,840 pounds per hour of hot rolled steel strip in coil form.

(c) One (1) descale acid pickling line (EU4), equipped with a counter-current packed tower scrubber and mist eliminator, exhausted through stack 4, installed on October 15, 1987, nominal capacity: 881,840 pounds per hour of hot rolled steel strip in coil form.

(d) One (1) tandem cold mill (EU5), equipped with two (2) baffle plate collision mist eliminators, exhausted through stack 5, installed on October 15, 1987, nominal capacity: 881,840 pounds per hour of hot rolled steel strip in coil form.

(e) One (1) electrolytic cleaning operation (EU6), equipped with a scrubber, exhausted through stack 6, installed on October 15, 1987, nominal capacity: 540,000 pounds per hour of cold rolled steel strip in coil form.

(f) One (1) post treatment pickling operation (EU9), equipped with a counter-current packed tower scrubber with a mesh-type mist eliminator, exhausted through stack 9, installed on October 15, 1987, nominal capacity: 540,000 pounds per hour of cold rolled strip steel.

(g) One (1) roll shot cabinet (EU11), equipped with a baghouse for particulate matter control, exhausted through stack 11, installed on October 15, 1987, nominal capacity: 20,000 pounds per

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

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

D.1.1 PSD BACT Limitations [326 IAC 2-2]

(a) Pursuant to CP 141-2750-00040/00046 issued October 28, 1996, 326 IAC 2-2(PSD) and 40 CFR 52.21, the PM emission rates from the Pinch Roll Leveler (EU1) shall be collected by a hood and exhaust system with a design flow rate of 12,000 scfm exhausting through a baghouse. Particulate matter emissions shall not exceed 0.5 lbs/hr and 2.2 tpy.

(b) Pursuant to CP 141-2750-00040/00046 issued October 28, 1996, 326 IAC 2-2(PSD) and 40 CFR 52.21, the entire welding electrode system for the Flash Butt Welder (EU2) shall be enclosed. Particulate matter emissions shall be collected by a ventilation system operating with a design flow rate of 7,956 scfm exhausting through an in-line separator and a baghouse. Particulate matter emissions shall not exceed 0.1 lbs/hr or 0.44 tpy.

(c) Pursuant to CP 141-2750-00040/00046 issued October 28, 1996, 326 IAC 2-2(PSD) and 40 CFR 52.21, the Descaling System's Pickling Tanks (EU4) shall be equipped with water sealed edge covers. Particulate emissions shall be collected under negative pressure by a ventilation system operating with a design flow rate of 35,235 scfm exhausting through a counter-current packed tower scrubber with a mist eliminator installed above the packing. Particulate matter emissions shall not exceed 0.8 lbs/hr and 3.5 tpy.

(d) Pursuant to CP 141-2750-00040/00046 issued October 28, 1996, 326 IAC 2-2(PSD) and 40 CFR 52.21, the PM emission from Tandem Cold Mill (EU5) enclosure shall be collected by

a ventilation system operating with a design flow rate of 147,667 scfm exhausting through two Hitachi Baffle Plate Collision Type 1 (or equivalent) mist eliminators. Particulate matter emissions shall not exceed 6.6 lbs/hr and 28.9 tpy.

(e) Pursuant to CP 141-2750-00040/00046 issued October 28, 1996, 326 IAC 2-2(PSD) and 40 CFR 52.21, the Electrolytic Cleaning Tanks (EU6) shall be covered and maintained under negative pressure. Particulate emissions shall be collected by a ventilation system operating with a design flow rate of 15,912 scfm exhausting through a Ceilcote horizontal air wash (or equivalent). Particulate matter emissions shall not exceed 0.28 lb/hr and 1.2 tpy.

(f) Pursuant to CP 141-2750-00040/00046 issued October 28, 1996, 326 IAC 2-2(PSD) and 40 CFR 52.21, the Post-Treatment Pickling Tanks (EU9) shall be covered and maintained under negative pressure. Particulate emissions shall be collected by a ventilation system operating with a design flow rate of 9,472 scfm exhausting through a counter-current packed tower scrubber with a Chevron or mesh type mist eliminator installed above the packing. Particulate matter emissions shall not exceed 0.2 lbs/hr and 0.88 tpy.

(g) Pursuant to CP 141-2750-00040/00046 issued October 28, 1996, 326 IAC 2-2(PSD) and 40 CFR 52.21, the Roll Shot Blast Cabinet (EU11) shall be maintained under negative pressure. Particulate emissions shall be collected by a ventilation system operating with a design flow rate of 4,164 scfm exhausting through a baghouse. Particulate matter emissions shall not exceed 0.35 lb/hr and 1.5 tpy.

D.1.2 Particulate Matter (PM) [326 IAC 6.5-1-2]

Pursuant to 326 IAC 6.5-1-2, the PM emissions from the Pinch Roll Leveler (EU1), Flash Butt Welder (EU2), the Descaling System's Pickling Tanks (EU4), Tandem Cold Mill (EU5), the Electrolytic Cleaning Tanks (EU6), the Post-Treatment Pickling Tanks (EU9) and the Roll Shot Blast Cabinet (EU11) shall be limited to 0.03 grains per dry standard cubic foot of exhaust air

D.1.3 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 any control devices.

Compliance Determination Requirements

D.1.4 Particulate Matter (PM)

(a) Pursuant to CP 141-2750-00040/00046 issued October 28, 1996, 326 IAC 2-2(PSD) and 40 CFR 52.21, the baghouse for PM control shall be in operation at all times when the Pinch Roll Leveler (EU1), Flash Butt Welder (EU2), and Roll Shot Blast Cabinet (EU11) are in operation.

(b) Pursuant to CP 141-2750-00040/00046 issued October 28, 1996, 326 IAC 2-2(PSD) and 40 CFR 52.21, the scrubbers for PM control shall be in operation at all times when the Descaling System's Pickling Tanks (EU4), Electrolytic Cleaning Tanks (EU6), and Post-Treatment Pickling Tanks (EU9) are in operation.

(c) Pursuant to CP 141-2750-00040/00046 issued October 28, 1996, 326 IAC 2-2(PSD) and 40 CFR 52.21, the mist eliminator for PM control shall be in operation at all times when the Tandem Cold Mill (EU5) is in operation.

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

D.1.5 Scrubber Parametric Monitoring [326 IAC 2-7-6(1)][326 IAC 2-7-5(1)]

(a) The Permittee shall record the water flow rate of the scrubber used in conjunction with the Descaling System's Pickling Tanks (EU4) at least once per shift when the Descaling System's Pickling Tanks (EU4) is in operation and when venting to the atmosphere. When for any one reading, the water flow rate of the scrubber is outside the normal range of 235

to 470 gallons per minute or a range established during the latest stack test, the Permittee shall take reasonable response steps in accordance with Section C-Compliance Response Plan-Preparation, Implementation, Records and Reports. A reading that is outside the normal range is not a deviation from this permit. Failure to take response steps in accordance with Section C-Compliance Response Plan-Preparation, Implementation, Records and Reports, shall be considered a violation of this permit.

(b) The Permittee shall record the water flow rate of the scrubber used in conjunction with the Electrolytic Cleaning Tanks (EU6) at least once per shift when the Electrolytic Cleaning Tanks (EU6) is in operation and when venting to the atmosphere. When for any one reading, the water flow rate of the scrubber is outside the normal range of 24-48 gallons per minute or a range established during the latest stack test, the Permittee shall take reasonable response steps in accordance with Section C-Compliance Response Plan-Preparation, Implementation, Records and Reports. A reading that is outside the normal range is not a deviation from this permit. Failure to take response steps in accordance with Section C-Compliance Response Plan-Preparation, Implementation, Records and Reports, shall be considered a violation of this permit.

(c) The Permittee shall record the water flow rate of the scrubber used in conjunction with the Post-Treatment Pickling Tanks (EU9) at least once per shift when the Post-Treatment Pickling Tanks (EU9) is in operation and when venting to the atmosphere When for any one reading, the water flow rate of the scrubber is outside the normal range of 80-159 gallons per minute or a range established during the latest stack test, the Permittee shall take reasonable response steps in accordance with Section C-Compliance Response Plan-Preparation, Implementation, Records and Reports. A reading that is outside the normal range is not a deviation from this permit. Failure to take response steps in accordance with Section C-Compliance Response Plan-Preparation, Implementation, Records and Reports, shall be considered a violation of this permit.

The instrument used for determining the flow rate shall comply with Section C - Pressure Gauge and Other Instrument Specifications, of this permit, shall be subject to approval by IDEM, OAQ and shall be verified for accuracy at least once every six (6) months.

D.1.6 Scrubber Inspections [326 IAC 2-7-6(1)][326 IAC 2-7-5(1)]

An inspection shall be performed each calendar quarter of all scrubbers controlling the Descaling System's Pickling Tanks (EU4), Electrolytic Cleaning Tanks (EU6), and Post-Treatment Pickling Tanks (EU9, when venting to the atmosphere. Inspections required by this condition shall not be performed in consecutive months.

D.1.7 Scrubber Failure Detection [326 IAC 2-7-6(1)][326 IAC 2-7-5(1)]

In the event that scrubber failure has been observed:

Failed units and the associated process will be shut down immediately until the failed units have been repaired or replaced. Operations may continue only if the event qualifies as an emergency and the Permittee satisfies the requirements of the emergency provisions of this permit (Section B - Emergency Provisions). Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports, shall be considered a violation of this permit.

D.1.8 Mist Eliminator [326 IAC 2-7-6(1)][326 IAC 2-7-5(1)]

(a) Quarterly inspections shall be performed on the mist eliminator used in conjunction with the Tandem Cold Mill (EU5) and descale acid pickling line (EU4), to insure proper operation. The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when a noticeable change occurs. The Compliance Response Plan shall be followed whenever a condition exists which should result in a response step. Failure to take response steps in accordance with Section C-Compliance Response Plan-Preparation, Implementation, Records and Reports, shall be considered a violation of this permit.

(b) Additional inspections and preventive measures shall be performed as prescribed in the Preventive Maintenance Plan.

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

D.1.9 Record Keeping Requirements

(a) In order to document compliance with condition D.1.5, the Permittee shall maintain the once per shift records of the water flow of the scrubbers during normal operation when venting to the atmosphere.

(b) In order to document compliance with Condition D.1.6, the Permittee shall maintain records of the results of the scrubber inspections required under Condition D.1.6.

(c) In order to document compliance with Condition D.1.8, the Permittee shall maintain records of the results of the mist eliminator inspections required under Condition D.1.8

(d) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

SECTION D.2 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)] -I/N Tek combustion

(h) One (1) natural gas-fired annealing furnace (EU7-1), rated at 222 million British thermal units per hour, controlled by a Bloom 2320 burner or equivalent, exhausted through stack 7, installed on November 3, 1988.

(i) One (1) natural gas-fired waste heat boiler (EU7-2), rated at 95.0 million British thermal units per hour, controlled by a NOX suppression-design and flue gas recirculation, exhausted through stack 7, installed on November 3, 1988.

(j) One (1) natural gas-fired package boiler (EU7-3), rated at 70.8 million British thermal units per hour, controlled by a NOX suppression-design and flue gas recirculation, exhausted through stack 7, installed on November 3, 1988.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

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

D.2.1 Fuel Type [326 IAC 2-2]

(a) Pursuant to CP 141-2750-00040/00046, issued October 28, 1996, 326 IAC 2-2(PSD) and 40 CFR 52.21, only natural gas shall be burned in the annealing furnace (EU7-1) and shall not exceed 222 MMBtu/hr input.

(b) Pursuant to CP 141-2750-00040/00046, issued October 28, 1996, 326 IAC 2-2(PSD) and 40 CFR 52.21, only natural gas shall be burned in the waste heat boiler (EU7-2) and shall not exceed 95 MMBtu/hr input.

(c) Pursuant to CP 141-2750-00040/00046, issued October 28, 1996, 326 IAC 2-2(PSD) and 40 CFR 52.21, shall burn only natural gas in the package boiler (EU7-3) and shall not exceed 70.8 MMBtu/hr heat input.

D.2.2 Particulate Matter (PM) [326 IAC 2-2]

(a) Pursuant to CP 141-2750-00040/00046, issued October 28, 1996, 326 IAC 2-2(PSD) and 40 CFR 52.21, the PM emissions from the annealing furnace (EU7-1) shall not exceed 0.003 pounds per million Btu, 0.66 pounds per hour and 2.77 tons per year.

(b) Pursuant to CP 141-2750-00040/00046, issued October 28, 1996, 326 IAC 2-2(PSD) and 40 CFR 52.21, the PM emissions from the waste heat boiler (EU7-2) shall not exceed 0.003 pounds per million Btu, 0.285 pounds per hour and 1.25 tons per year.

(c) Pursuant to CP 141-2750-00040/00046, issued October 28, 1996, 326 IAC 2-2(PSD) and 40 CFR 52.21, the PM emissions from the package boiler (EU7-3) shall not exceed to 0.003 pounds per million Btu, 0.21 pounds per hour and 0.93 tons per year.

D.2.3 Particulate Matter (PM) [326 IAC 6.5-1-2]

(a) Pursuant to 326 IAC 6.5-1-2, the PM emissions from the annealing furnace (EU7-1) shall be limited to 0.03 grains per dry standard cubic foot of exhaust air

(b) Pursuant to 326 IAC 6.5-1-2, the PM emissions from the waste heat boiler (EU7-2) and the package boiler (EU7-3) shall be limited to 0.01 grains per dry standard cubic foot of exhaust air

D.2.4 Nitrogen Oxides (NO_X) [326 IAC 2-2]

(a) Pursuant to CP 141-2750-00040/00046, issued October 28, 1996, 326 IAC 2-2(PSD) and 40 CFR 52.21, the NO_X emissions from the annealing furnace (EU7-1) shall be controlled by Bloom 2320 Burner (or equivalent) and shall not exceed 0.43 pounds per million Btu,

95.5 pounds per hour or 418.1 tons per year.

(b) Pursuant to CP 141-2750-00040/00046, issued October 28, 1996, 326 IAC 2-2(PSD) and 40 CFR 52.21, the NO_X emissions from the waste heat boiler (EU7-2) shall be controlled by NOx suppression-design and flue gas recirculation and shall not exceed 0.05 pounds per million Btu, 4.75 pounds per hour or 20.8 tons per year.

(c) Pursuant to CP 141-2750-00040/00046, issued October 28, 1996, 326 IAC 2-2(PSD) and 40 CFR 52.21, the NO_X emissions from the package boiler (EU7-3) shall be controlled by NOx suppression-design and flue gas recirculation and shall not exceed 0.05 pounds per million Btu, 3.54 pounds per hour or 15.5 tons per year.

D.2.5 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 any control devices.

Compliance Determination Requirements

D.2.6 Testing Requirements [326 IAC 2-7-6(1),(6)][326IAC 2-1.1-11]

Within eighteen (18) months after issuance of this permit, the Permittee shall perform NO_X testing on the annealing furnace (EU7-1) utilizing methods approved by the Commissioner. 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.2.7 Nitrogen Oxides (NO_X)

(a) Pursuant to CP 141-2750-00040/00046, issued October 28, 1996, 326 IAC 2-2(PSD) and 40 CFR 52.21, a Bloom 2320 burner or equivalent controlling the annealing furnace (EU7-1) shall be in operation at all times when the annealing furnace is in operation.

(b) Pursuant to CP 141-2750-00040/00046, issued October 28, 1996, 326 IAC 2-2(PSD) and 40 CFR 52.21, the flue gas recirculation for the waste heat boiler (EU7-2) shall be in operation at all times when the waste heat boiler is in operation.

(c) Pursuant to CP 141-2750-00040/00046, issued October 28, 1996, 326 IAC 2-2(PSD) and 40 CFR 52.21, the flue gas recirculation for the package boiler (EU7-3) shall be in operation at all times when the package boiler is in operation.

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

D.2.8 Reporting Requirements

The natural gas boiler certification shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or its equivalent, within thirty (30) days after the end of the six (6) month period being reported. The natural gas-fired boiler certification does require the certification by the “responsible official” as defined by 326 IAC 2-7-1(34).

SECTION D.3 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)] - I/N Kote combustion

(k) One (1) CGL natural gas-fired, low NO_X heating furnace (EU21), rated at 113.1 million British thermal units per hour, controlled by low-NO_X regenerative burners, exhausted through stack 21, installed on November 15, 1991.

(l) One (1) CGL natural gas-fired, galvannealing furnace (EU22), rated at 30.2 million British thermal units per hour, controlled by low NO_x burners, exhausted through stack 22, installed on November 15, 1991.

(m) One (1) natural gas-fired package boiler (EU27), exhausted through stack 27, rated at 71.5 million British thermal units per hour, controlled by flue gas recirculation, installed on November 15, 1991.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

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

D.3.1 Fuel Type [326 IAC 2-2]

(a) Pursuant to CP 141-2750-00040/00046, issued October 28, 1996, 326 IAC 2-2(PSD) and 40 CFR 52.21, only natural gas shall be burned in the CGL heat furnace (EU21) and limited to 113.1 MMBtu/hr input.

(b) Pursuant to CP 141-2750-00040/00046, issued October 28, 1996, 326 IAC 2-2(PSD) and 40 CFR 52.21, only natural gas shall be burned in the CGL galvannealing furnace (EU22) and limited 30.2 MMBtu/hr input.

(c) Pursuant to CP 141-2750-00040/00046, issued October 28, 1996, 326 IAC 2-2(PSD) and 40 CFR 52.21, shall burn only natural gas in the package boiler (EU27) and shall not exceed 71.5 MMBtu/hr input.

D.3.2 Particulate Matter (PM) [326 IAC 6.5-1-2]

(a) Pursuant to 326 IAC 6.5-1-2, the PM emissions from the CGL heating furnace (EU21) and the CGL galvannealing furnace (EU22) shall be limited to 0.03 grains per dry standard cubic foot of exhaust air

(b) Pursuant to 326 IAC 6.5-1-2, the PM emissions from the package boiler (EU27) shall be limited to 0.01 grains per dry standard cubic foot of exhaust air

D.3.3 Nitrogen Oxides (NO_X) [326 IAC 2-2]

(a) Pursuant to CP 141-2750-00040/00046, issued October 28, 1996, 326 IAC 2-2(PSD) and 40 CFR 52.21, the NO_X emissions from the CGL heating furnace (EU21) shall be controlled by low-NO_X regenerative burners and limited to 0.2 lbs/MMBtu, 22.62 pounds per hour or 99.08 tpy.

(b) Pursuant to CP 141-2750-00040/00046, issued October 28, 1996, 326 IAC 2-2(PSD) and 40 CFR 52.21, the NO_X emissions from the CGL galvannealing furnace (EU22) shall be controlled by low NOx burners and limited to 0.39 pounds per million Btu, 11.78 pounds per hour and 51.58 tons per year.

(c) Pursuant to CP 141-2750-00040/00046, issued October 28, 1996, 326 IAC 2-2(PSD) and 40 CFR 52.21, the NO_X emissions from the package boiler (EU27) shall be controlled by flue gas recirculation and shall not exceed 0.05 pounds per million Btu, 3.57 pounds per hour or 15.7 tons per year.

D.3.4 NSPS Subpart Dc [40 CFR 60.40c] [326 IAC 12]

The I/N Kote 71.5 million British thermal units per hour natural gas-fired package boiler (EU27 is subject to the New Source Performance Standard, 326 IAC 12, (40 CFR 60.40c, Subpart Dc) because it was constructed after June 9, 1989 and has a heat input capacity greater than 10 million Btu per hour and less than 100 million Btu per hour. Pursuant to this rule, records shall be kept of the amount of fuel combusted each day. All records shall be maintained for a period of two years following the date of such record. There are no other requirements pursuant to this rule because the boiler combusts only natural gas.

D.3.5 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 any control devices.

Compliance Determination Requirements

D.3.6 Testing Requirements [326 IAC 2-7-6(1),(6)][326IAC 2-1.1-11]

Within eighteen (18) months after issuance of this permit, the Permittee shall perform NOX testing on the heating furnace (EU21) utilizing methods approved by the Commissioner. 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.3.7 Nitrogen Oxides (NO_X)

(a) Pursuant to CP 141-2750-00040/00046, issued October 28, 1996, 326 IAC 2-2(PSD) and 40 CFR 52.21, low-NO_X regenerative burners controlling the heating furnace (EU21) shall be in operation at all times when the heating furnace is in operation.

(b) Pursuant to CP 141-2750-00040/00046, issued October 28, 1996, 326 IAC 2-2(PSD) and 40 CFR 52.21, low NO_X burners for the galvannealing furnace (EU22) shall be in operation at all times when the galvannealing furnace is in operation.

(c) Pursuant to CP 141-2750-00040/00046, issued October 28, 1996, 326 IAC 2-2(PSD) and 40 CFR 52.21, the flue gas recirculation for the package boiler (EU27) shall be in operation at all times when the package boiler is in operation.

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

D.3.8 Record Keeping Requirements

(a) The Permittee shall maintain records necessary to demonstrate compliance with NSPS Subpart Dc (Condition D.3.4) for the package boiler (EU27).

(b) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

D.3.9 Reporting Requirements

The natural gas boiler certification shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or its equivalent, within thirty (30) days after the end of the six (6) month period being reported. The natural gas-fired boiler certification does require the certification by the “responsible official” as defined by 326 IAC 2-7-1(34).

SECTION D.4 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)] - I/N Kote (continuous hot dip galvanizing line (CGL)

(n) One (1) CGL electrolytic cleaning operation (EU20), equipped with a scrubber with horizontal mist eliminator, exhausted through stack 20, installed on November 15, 1991, nominal capacity: 123,800 pounds per hour of uncoated cold rolled steel strip.

(o) One CGL skin pass mill (EU31), equipped with a scrubber and a horizontal mist eliminator, exhausted through stack 31, installed on November 15, 1991, nominal capacity: 123,800 pounds per hour of uncoated cold rolled steel strip.

(p) One (1) CGL sink roll pickling operation (EU32), equipped with a scrubber with vertical mist eliminator, exhausted through stack 32, installed on November 15, 1991, capacity: fume exhaust 10,000 standard cubic feet per minute.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

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

D.4.1 BACT Limitations [326 IAC 2-2] [40 CFR 52.21]

(a) Pursuant to CP 141-2750-00040/00046 issued October 28, 1996, 326 IAC 2-2(PSD) and 40 CFR 52.21, the Electrolytic Cleaning process (EU20), the PM and PM_{10} emissions shall be controlled by a ventilation system with a design flow rate of 24,630 standard cubic feet per minute, vented to a horizontal mist eliminator and scrubber. Particulate matter emissions shall not exceed 0.60 lbs/hr and 2.63 tpy.

(b) Pursuant to CP 141-2750-00040/00046 issued October 28, 1996, 326 IAC 2-2(PSD) and 40 CFR 52.21, the PM and PM_{10} emissions from the CGL skin pass mill (EU31) shall be controlled by a ventilation system with design flow rate of 11,313 standard cubic feet per minute, exhausted to a fume scrubber. Particulate matter emissions shall not exceed 0.25 lbs/hr and 1.10 tpy.

(c) Pursuant to CP 141-2750-00040/00046 issued October 28, 1996, 326 IAC 2-2(PSD) and 40 CFR 52.21, the PM and PM_{10} and sulfuric acid mist emissions from the CGL sink roll pickling operation (EU32) shall be controlled by a ventilation system with a design flow rate of 10,000 standard cubic feet per minute, exhausting to a high efficiency scrubber and vertical mist eliminator. Particulate matter emissions shall not exceed 0.25 lbs/hr and 1.10 tpy.

D.4.2 Particulate Matter (PM) [326 IAC 6.5-1-2]

Pursuant to 326 IAC 6.5-1-2, the PM emissions from the Electrolytic Cleaning process (EU20) and the CGL sink roll pickling operation (EU32) shall be limited to 0.03 grains per dry standard cubic foot of exhaust air.

D.4.3 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 the control devices.

Compliance Determination Requirements

D.4.4 Particulate Matter (PM)

Pursuant to CP 141-2750-00040/00046, issued October 28, 1996, the scrubbers for PM control shall be in operation at all times when the Electrolytic Cleaning process (EU20), the CGL skin pass mill (EU31) and the CGL sink roll pickling operation (EU32) are in operation.

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

D.4.5 Scrubber Parametric Monitoring [326 IAC 2-7-6(1)][326 IAC 2-7-5(1)]

(a) The Permittee shall record the water flow rate of the scrubber used in conjunction with the Electrolytic Cleaning process (EU20) at least once per shift when the Electrolytic Cleaning process (EU20) is in operation and when venting to the atmosphere. When for any one reading, the water flow rate of the scrubber is outside the normal range of 42 to 84 gallons per minute or a range established during the latest stack test, the Permittee shall take reasonable response steps in accordance with Section C-Compliance Response Plan-Preparation, Implementation, Records and Reports. A reading that is outside the normal range is not a deviation from this permit. Failure to take response steps in accordance with Section C-Compliance Response Plan-Preparation, Implementation, Records and Reports, shall be considered a violation of this permit.

(b) The Permittee shall record the water flow rate of the scrubber used in conjunction with the CGL skin pass mill (EU31) at least once per shift when the CGL skin pass mill (EU31) is in operation and when venting to the atmosphere. When for any one reading, the water flow rate of the scrubber is outside the normal range of 23 to 46 gallons per minute or a range established during the latest stack test, the Permittee shall take reasonable response steps in accordance with Section C-Compliance Response Plan-Preparation, Implementation, Records and Reports. A reading that is outside the normal range is not a deviation from this permit. Failure to take response steps in accordance with Section C-Compliance Response Plan-Preparation, Implementation, Records and Reports, shall be considered a violation of this permit.

(c) The Permittee shall record the water flow rate of the scrubber used in conjunction with the CGL sink roll pickling operation (EU32) at least once per shift when the CGL sink roll pickling operation (EU32) is in operation and when venting to the atmosphere. When for any one reading, the water flow rate of the scrubber is outside the normal range of 25 to 50 gallons per minute or a range established during the latest stack test, the Permittee shall take reasonable response steps in accordance with Section C-Compliance Response Plan-Preparation, Implementation, Records and Reports. A reading that is outside the normal range is not a deviation from this permit. Failure to take response steps in accordance with Section C-Compliance Response Plan-Preparation, Implementation, Records and Reports, shall be considered a violation of this permit.

The instrument used for determining the flow rate shall comply with Section C - Pressure Gauge and other Instrument Specifications, of this permit, shall be subject to approval by IDEM, OAQ, and shall be verified for accuracy at least once every six (6) months.

D.4.6 Scrubber Inspections [326 IAC 2-7-6(1)][326 IAC 2-7-5(1)]

An inspection shall be performed each calendar quarter of all scrubbers controlling the Electrolytic Cleaning process (EU20), CGL skin pass mill (EU31) and CGL sink roll pickling operation (EU32), when venting to the atmosphere. Inspections required by this condition shall not be performed in consecutive months.

D.4.7 Scrubber Failure Detection [326 IAC 2-7-6(1)][326 IAC 2-7-5(1)]

In the event that scrubber failure has been observed:

Failed units and the associated process will be shut down immediately until the failed units have been repaired or replaced. Operations may continue only if the event qualifies as an emergency and the Permittee satisfies the requirements of the emergency provisions of this permit (Section B - Emergency Provisions). Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports, shall be considered a violation of this permit.

D.4.8 Mist Eliminator [326 IAC 2-7-6(1)][326 IAC 2-7-5(1)]

(a) Quarterly inspections shall be performed on the mist eliminator used in conjunction with the Electrolytic Cleaning process (EU20), the CGL skin pass mill (EU31) and the CGL sink roll pickling operation (EU32) to insure proper operation. The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when a noticeable change occurs. The Compliance Response Plan shall be followed whenever a condition exists which should result in a response step. Failure to take response steps in accordance with Section C-Compliance Response Plan-Preparation, Implementation, Records and Reports, shall be considered a violation of this permit.

(b) Additional inspections and preventive measures shall be performed as prescribed in the Preventive Maintenance Plan.

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

D.4.9 Record Keeping Requirements

(a) In order to document compliance with condition D.4.5, the Permittee shall maintain the once per shift records of the water flow of the scrubbers during normal operation when venting to the atmosphere.

(b) In order to document compliance with Condition D.4.6, the Permittee shall maintain records of the results of the scrubber inspections required under Condition D.4.6.

(c) In order to document compliance with Condition D.4.8, the Permittee shall maintain records of the results of the mist eliminator inspections required under Condition D.4.8.

(d) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

SECTION D.5 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)] - I/N Kote electrolytic galvanizing line

(q) One (1) EGL surface activation and plating operation (EU24), equipped with a scrubber with vertical mist eliminator, exhausted through stack 24, installed on November 15, 1991, nominal capacity: 135,900 pounds of uncoated cold rolled steel strip.

(r) One (1) EGL degreasing operation (EU25), equipped with a mist eliminator, exhausted through stack 25, installed on November 15, 1991, nominal capacity 135,900 pounds per hour of uncoated cold rolled steel strip.

(s) One (1) EGL pre-cleaning operation (EU26), equipped with a mist eliminator, exhausted through stack 26, installed on November 15, 1991, nominal capacity: 135,900 pounds per hour of uncoated cold rolled steel strip.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

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

D.5.1 BACT Limitations [326 IAC 2-2]

(a) Pursuant to CP 141-2750-00040/00046 issued October 28, 1996, 326 IAC 2-2(PSD) and 40 CFR 52.21, the PM10/PM and sulfuric acid mist emissions for the Surface Activation and Plating (EU24) shall be controlled by a ventilation system with a design flow rate of 41,480 scfm vented to a vertical mist eliminator and scrubber. Particulate matter emissions shall not exceed 2.09 pounds per hour and 9.15 tons per year.

(b) Pursuant to CP 141-2750-00040/00046 issued October 28, 1996, 326 IAC 2-2(PSD) and 40 CFR 52.21, the particulate matter limit for the EGL Degreasing Section (EU25) shall be controlled by a ventilation system with a design flow rate of 3,117 scfm venting to a mist eliminator. Particulate matter emissions shall not exceed 0.10 pounds per hour and 0.44 tons per year.

(c) Pursuant to CP 141-2750-00040/00046 issued October 28, 1996, 326 IAC 2-2(PSD) and 40 CFR 52.21, the PM10/PM and alkaline solution mist generated from the EGL Pre-cleaning Section (EU26) shall be controlled by a ventilation system with a design flow rate of 2,981 scfm vented to a mist eliminator. Particulate matter emissions shall not exceed 0.10 pounds per hour and 0.44 tons per year.

D.5.2 Particulate Matter (PM) [326 IAC 6.5-1-2]

Pursuant to 326 IAC 6.5-1-2, the PM emissions from Surface Activation and Plating (EU24), EGL Degreasing Section (EU25) and EGL Pre-cleaning Section (EU26) shall be limited to 0.03 grains per dry standard cubic foot of exhaust air.

D.5.3 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 the control devices.

Compliance Determination Requirements

D.5.4 Particulate Matter (PM)

The scrubbers and/or mist eliminators for PM control shall be in operation at all times when the Surface Activation and Plating (EU24), EGL Degreasing Section (EU25) and EGL Pre-cleaning Section (EU26) are in operation and exhausting to the outside atmosphere.

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

D.5.5 Scrubber Parametric Monitoring [326 IAC 2-7-6(1)][326 IAC 2-7-5(1)]

The Permittee shall record the water flow rate of the scrubber used in conjunction with the Surface Activation and Plating (EU24) at least once per shift when the Surface Activation and Plating (EU24) is in operation and when venting to the atmosphere. When for any one reading, the water flow rate of the scrubber is outside the normal range of 65 to 135 gallons per minute or a range established during the latest stack test, the Permittee shall take reasonable response steps in accordance with Section C-Compliance Response Plan-Preparation, Implementation, Records and Reports. A reading that is outside the normal range is not a deviation from this permit. Failure to take response steps in accordance with Section C-Compliance Response Plan-Preparation, Implementation, Records and Reports, shall be considered a violation of this permit.

The instrument used for determining the flow rate shall comply with Section C - Pressure Gauge and other Instrument Specifications, of this permit, shall be subject to approval by IDEM, OAQ, and shall be verified for accuracy at least once every six (6) months.

D.5.6 Scrubber Inspections [326 IAC 2-7-6(1)][326 IAC 2-7-5(1)]

An inspection shall be performed each calendar quarter of all scrubbers controlling the Surface Activation and Plating (EU24), when venting to the atmosphere. Inspections required by this condition shall not be performed in consecutive months.

D.5.7 Scrubber Failure Detection [326 IAC 2-7-6(1)][326 IAC 2-7-5(1)]

In the event that scrubber failure has been observed:

Failed units and the associated process will be shut down immediately until the failed units have been repaired or replaced. Operations may continue only if the event qualifies as an emergency and the Permittee satisfies the requirements of the emergency provisions of this permit (Section B - Emergency Provisions). Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports, shall be considered a violation of this permit.

D.5.8 Mist Eliminator [326 IAC 2-7-6(1)][326 IAC 2-7-5(1)]

(a) Quarterly inspections shall be performed on the mist eliminator used in conjunction with the EGL Degreasing Section (EU25) and EGL Pre-cleaning Section (EU26) to insure proper operation. The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when a noticeable change occurs. The Compliance Response Plan shall be followed whenever a condition exists which should result in a response step. Failure to take response steps in accordance with Section C-Compliance Response Plan-Preparation, Implementation, Records and Reports, shall be considered a violation of this permit.

(b) Additional inspections and preventive measures shall be performed as prescribed in the Preventive Maintenance Plan.

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

D.5.9 Record Keeping Requirements

(a) In order to document compliance with condition D.5.5, the Permittee shall maintain the once per shift records of the water flow of the scrubbers during normal operation when venting to the atmosphere.

(b) In order to document compliance with Condition D.5.6, the Permittee shall maintain records of the results of the scrubber inspections required under Condition D.5.6.

(c) In order to document compliance with Condition D.5.8, the Permittee shall maintain records of the results of the mist eliminator inspections required under Condition D.5.8.

(d) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

SECTION D.6 FACILITY OPERATION CONDITIONS

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

(a) Natural gas-fired combustion sources with heat input equal to or less than ten million (10,000,000) British thermal units per hour (space heaters with a total capacity: 76.3 million British thermal units per hour at the I/N Kote facility only)

(b) Degreasing operations that do not exceed 145 gallons per 12 months, except if subject to 326 IAC 20-6.

(c) The following equipment related to manufacturing activities not resulting in the emission of HAPS: brazing equipment, cutting torches soldering equipment, welding equipment.

(d) Lime storage silo; inspection line electrostatic oiler; electric motor ventilation; skinpass oil room ventilation; wrapping line edge oiler; CGL quench fume.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

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

D.6.1 Fuel Type [326 IAC 2-2]

Pursuant to CP 141-2750-00040/00046, 326 IAC 2-2(PSD) and 40 CFR 52.21, the Space Heaters shall burn only natural gas and not exceed a total of 76.3 MMBtu/hr heat input at the I/N Kote facility only.

D.6.2 Volatile Organic Compounds (VOC) [326 IAC 8-3-2]

The I/N Tek & I/N Kote facilities are subject to the requirements of 326 IAC 8-3-2 (Organic Solvent Degreasing Operations) because the units were built after January 1, 1980 and performs organic solvent degreasing operations in the state. The owner or operator of a cold cleaning facility shall:

(a) Equip the cleaner with a cover;

(b) Equip the cleaner with a facility for draining cleaned parts;

(c) Close the degreaser cover whenever parts are not being handled in the cleaner;

(d) Drain cleaned parts for at least fifteen (15) seconds or until dripping ceases;

(e) Provide a permanent, conspicuous label summarizing the operation requirements;

(f) Store waste solvent only in covered containers and not dispose of waste solvent or transfer it to another party, in such a matter that greater than twenty percent (20%) of the waste solvent (by weight) can evaporate into the atmosphere.

D.6.3 Volatile Organic Compounds (VOC) [326 IAC 8-3-5]

(a) Pursuant to 326 IAC 8-3-5(a) (Cold Cleaner Degreaser Operation and Control), the owner or operator of cold cleaner degreaser facilities existing prior to January 1, 1990 shall ensure that the following control equipment requirements are met:

(1) Equip the degreaser with a cover. The cover must be designed so that it can be easily operated with one (1) hand if:

(A) The solvent volatility is greater than two (2) kiloPascals (fifteen (15) milli-meters of mercury or three-tenths (0.3) pounds per square inch) measured at thirty-eight degrees Celsius (38^{E}C) (one hundred degrees Fahrenheit (100^{E}F));

(B) The solvent is agitated; or

(C) The solvent is heated.

(2) Equip the degreaser with a facility for draining cleaned articles. If the solvent volatility is greater than four and three-tenths (4.3) kiloPascals (thirty-two (32) millimeters of mercury) or six-tenths (0.6) pounds per square inch) measured at thirty-eight degrees Celsius ($38^{E}C$) (one hundred degrees Fahrenheit ($100^{E}F$)), then the drainage facility must be internal such that articles are enclosed under the cover while draining. The drainage facility may be external for applications where an internal type cannot fit into the cleaning system.

(3) Provide a permanent, conspicuous label which lists the operating requirements outlined in subsection (b).

(4) The solvent spray, if used, must be a solid, fluid stream and shall be applied at a pressure which does not cause excessive splashing.

(5) Equip the degreaser with one (1) of the following control devices if the solvent volatility is greater than four and three-tenths (4.3) kiloPascals (thirty-two (32) millimeters of mercury) or six-tenths (0.6) pounds per square inch) measured at thirty-eight degrees Celsius ($38^{E}C$) (one hundred degrees Fahrenheit ($100^{E}F$)), or if the solvent is heated to a temperature greater than forty-eight and nine-tenths degrees Celsius ($48.9^{E}C$) (one hundred twenty degrees Fahrenheit ($120^{E}F$)):

(A) A freeboard that attains a freeboard ratio of seventy-five hundredths (0.75) or greater.

(B) A water cover when solvent is used is insoluble in, and heavier than, water.

(C) Other systems of demonstrated equivalent control such as a refrigerated chiller of carbon adsorption. Such systems shall be submitted to the U.S. EPA as a SIP revision.

(b) Pursuant to 326 IAC 8-3-5(b) (Cold Cleaner Degreaser Operation and Control), the owner or operator of a cold cleaning facility shall ensure that the following operating requirements are met:

(1) Close the cover whenever articles are not being handled in the degreaser.

(2) Drain cleaned articles for at least fifteen (15) seconds or until dripping ceases.

(3) Store waste solvent only in covered containers and prohibit the disposal or transfer of waste solvent in any manner in which greater than twenty percent (20%) of the waste solvent by weight could evaporate.

D.6.4 Particulate Matter (PM) [326 IAC 6.5-1-2]

Pursuant to 326 IAC 6.5-1-2, the allowable PM emission rate from the brazing equipment, cutting torches, soldering and welding equipment, lime storage silo, inspection line electrostatic oiler, electric motor ventilation, skinpass oil room ventilation, wrapping line edge oiler, and CGL quench fume shall not exceed allowable PM emission rate of 0.03 grains per dry standard cubic foot of exhaust air.

SECTION D.7 FACILITY OPERATION CONDITIONS

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

(t) Three (3) 1000 horsepower switching locomotives, each with a maximum capacity of 26.97 gal/hr of diesel fuel

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

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

D.7.1 Operational Limit [326 IAC 2-2]

The total input of diesel fuel to the three (3) 1000 hp diesel fired switching locomotives (internal combustion engines) shall be less than 304,000 total gallons per 12 consecutive month period rolled monthly. This usage limit is required to limit the potential to emit of nitrogen oxides (NO_x) to 121.03 tons per year, carbon monoxide (CO) to 12.72 tons per year and PM/PM10 to less than 3.06 tons per year, each.

Record Keeping and Reporting Requirements [326 IAC 2-5.1-3(e)(2)] [326 IAC 2-6.1-5(a)(2)]

D.7.2 Record Keeping Requirements

(a) To document compliance with Conditions D.7.1, the Permittee shall maintain records of the monthly use of diesel fuel, in gallons.

(b) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

D.7.3 Reporting Requirements

A quarterly summary of the information to document compliance with Condition D.7.1 shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported. The report submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY

PART 70 OPERATING PERMIT
CERTIFICATION

Source Name: I/N Tek & I/N Kote
Source Address: 30755 Edison Road, New Carlisle, Indiana 46552
Mailing Address: 30755 Edison Road, New Carlisle, Indiana 46552
Part 70 Permit No.: T141-7316-00159

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:

Annual Compliance Certification Letter

Test Result (specify)

Report (specify)

Notification (specify)

Affidavit (specify)

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:

Phone:

Date:

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE BRANCH
100 North Senate Avenue
Indianapolis, Indiana 46204
Phone: 317-233-5674
Fax: 317-233-5967

PART 70 OPERATING PERMIT
EMERGENCY OCCURRENCE REPORT

Source Name: I/N Tek & I/N Kote
Source Address: 30755 Edison Road, New Carlisle, Indiana 46552
Mailing Address: 30755 Edison Road, New Carlisle, Indiana 46552
Part 70 Permit No.: T141-7316-00159

This form consists of 2 pages **Page 1 of 2**

This is an emergency as defined in 326 IAC 2-7-1(12)

- C The Permittee must notify the Office of Air Quality (OAQ), 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**) working days (Facsimile Number: 317-233-5967), and follow the other requirements of 326 IAC 2-7-16.

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:
Describe the cause of the Emergency:

If any of the following are not applicable, mark N/A **Page 2 of 2**

Date/Time Emergency started:
Date/Time Emergency was corrected:
Was the facility being properly operated at the time of the emergency? 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:
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:

A certification is not required for this report.

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

PART 70 OPERATING PERMIT
SEMI-ANNUAL NATURAL GAS FIRED BOILER CERTIFICATION

Source Name: I/N Tek & I/N Kote
Source Address: 30755 Edison Road, New Carlisle, Indiana 46552
Mailing Address: 30755 Edison Road, New Carlisle, Indiana 46552
Part 70 Permit No.: T141-7316-00159

Natural Gas Only Alternate Fuel burned 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:
Phone:
Date:

A certification by the responsible official as defined by 326 IAC 2-7-1(34) is required for this report.

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

Part 70 Quarterly Report

Source Name: I/N Tek & I/N Kote
Source Address: 30755 Edison Road, New Carlisle, Indiana 46552
Mailing Address: 30755 Edison Road, New Carlisle, Indiana 46552
Part 70 Permit No.: T141-7316-00159
Facility: Internal Combustion Engines (switching locomotives)
Parameter: gallons of diesel fuel usage
Limit: less than 304,000 total gallons per 12 consecutive month period rolled monthly

YEAR:

Month	Column 1	Column 2	Column 1 + Column 2
	This Month	Previous 11 Months	12 Month Total
Month 1			
Month 2			
Month 3			

No deviation occurred in this quarter.

Deviation/s occurred in this quarter.
Deviation has been reported on:

Submitted by:
Title / Position:
Signature:
Date:
Phone:

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

PART 70 OPERATING PERMIT
QUARTERLY DEVIATION AND COMPLIANCE MONITORING REPORT

Source Name: I/N Tek & I/N Kote
Source Address: 30755 Edison Road, New Carlisle, Indiana 46552
Mailing Address: 30755 Edison Road, New Carlisle, Indiana 46552
Part 70 Permit No.: T141-7316-00159

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

Page 1 of 2

This report shall be submitted quarterly based on a calendar year. Any deviation from the requirements, the date(s) of each deviation, the probable cause of the deviation, and the response steps taken must be reported. Deviations that are required to be reported by an applicable requirement shall be reported according to the schedule stated in the applicable requirement and do not need to be included in this report. Additional pages may be attached if necessary. If no deviations occurred, please specify in the box marked "No deviations occurred this reporting period".

□ NO DEVIATIONS OCCURRED THIS REPORTING PERIOD.

□ THE FOLLOWING DEVIATIONS OCCURRED THIS REPORTING PERIOD

Permit Requirement (specify permit condition #)

Date of Deviation: **Duration of Deviation:**

Number of Deviations:

Probable Cause of Deviation:

Response Steps Taken:

Permit Requirement (specify permit condition #)

Date of Deviation: **Duration of Deviation:**

Number of Deviations:

Probable Cause of Deviation:

Response Steps Taken:

Permit Requirement (specify permit condition #)	
Date of Deviation:	**Duration of Deviation:**
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	
Permit Requirement (specify permit condition #)	
Date of Deviation:	**Duration of Deviation:**
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	
Permit Requirement (specify permit condition #)	
Date of Deviation:	**Duration of Deviation:**
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	

Form Completed By:

Title/Position:

Date:

Phone:

Attach a signed certification to complete this report.