

January 14, 2002

Dennis Prout
Janco Products, Inc.
920 South Logan Street
Mishawaka, IN 46544-4828

Re: 141-15229-00129
Administrative Amendment to
Part 70 Permit 141-7550-00129

Dear Mr. Prout:

Janco Products, Inc. was issued a Part 70 operation permit on February 1, 2000 for a fiberglass tube manufacturing plant located at 920 South Logan Street, Mishawaka, IN 46544-4828. An application requesting a revision was received on November 30, 2001. The request was made to add the following to the emission source:

- (a) three paint booths,
- (b) three natural gas-fired curing ovens, each rated at 0.27 million Btu per hour, and
- (c) plant wide epoxy operations.

Based on the data submitted, it has been determined that emissions of all pollutants are less than the levels specified in 326 IAC 2-1.1-3(d). Pursuant to the provisions of 326 IAC 2-7-11(8), the permit is hereby administratively amended as follows:

A.1 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:

- (a) One (1) single stream pulltrusion machine, identified as Janco 45-S, installed in 1997, exhausting to stack P1, capacity: 7.28 pounds of resin per hour.
- (b) One (1) single stream pulltrusion machine, identified as Janco 46-S, installed in 1997, exhausting to stack P1, capacity: 26.95 pounds of resin per hour.
- (c) One (1) single stream pulltrusion machine, identified as Janco 48-S, installed in 1997, exhausting to stack P1, capacity: 7.28 pounds per hour.
- (d) One (1) single stream pulltrusion machine, identified as Janco 44-S, installed in 1999, exhausting to stack P1, capacity: 9.114 pounds per hour.
- (e) One (1) dual stream pulltrusion machine, identified as Janco 50-D-A and Janco 50-D-B, installed in 1998, exhausting to stack P1, capacity: 4.67 pounds per hour.
- (f) One (1) single stream pulltrusion machine, identified as Janco 32-S, installed in 1996, exhausting to stack P1, capacity: 8.07 pounds per hour.
- (g) One (1) single stream pulltrusion machine, identified as Janco 34-S, installed in 1996,

exhausting to stack P1, capacity: 6.07 pounds per hour.

- (h) One (1) single stream pulltrusion machine, identified as Janco 36-S, installed in 1996, exhausting to stack P1, capacity: 23.16 pounds per hour.
- (i) One (1) single stream pulltrusion machine, identified as Janco 38-S, installed in 1996, exhausting to stack P1, capacity: 1.0 pound per hour.
- (j) One (1) dual stream pulltrusion machine, identified as Janco 40-D-A and Janco 40-D-B, installed in 1996, exhausting to stack P1, capacity: 1.0 pound per hour.
- (k) One (1) dual stream pulltrusion machine, identified as Janco 42-D-A and Janco 42-D-B, installed in 1996, exhausting to stack P1, capacity: 4.67 pounds per hour.
- (l) One (1) resin mix room, identified as Janco MA-001, constructed in 1997 and exhausting to stack P1.
- (m) One (1) paint booth, identified as Janco booth 1, constructed in 1993, equipped with two (2) high volume, low pressure (HVLP) spray guns and dry filters as overspray control, exhausting to stack PB16, capacity: 66.51 pounds of coating per hour.
- (n) One (1) paint booth, identified as Janco booth 2, constructed in 1977, equipped with two (2) high volume, low pressure (HVLP) spray guns and dry filters as overspray control, exhausting to stack PB17, capacity: 66.51 pounds of coating per hour.
- (o) One (1) paint booth, identified as Janco booth 3, constructed in 1993, equipped with one (1) mechanical high volume, low pressure (HVLP) spray gun and dry filters as overspray control, exhausting to stack PB18, capacity: 66.51 pounds of coating per hour.
- (p) One (1) automatic paint booth, identified as Janco Auto booth 5, constructed in 1998, equipped with two (2) high volume, low pressure spray guns and dry filters as overspray control, exhausting to stacks PB20A and PB20B, capacity: 66.51 pounds of coating per hour.
- (q) Three (3) dual stream pultrusion machines, identified as Janco 52 D-A /52 D-B, Janco 54 D-A/54 D-B, and Janco 56D-A/56D-B, exhausting to stack P1, capacity: 30 pounds of fiberglass tubes per hour, each.
- (r) **Three (3) paint booths, identified as booths B-6 through B-8, equipped with HVLP spray guns and utilizing dry filters for overspray control.**

A.2 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. One (1) 0.526 million British thermal units Boiler Natural Gas (Janco SV-56), installed in 1989. [326 IAC 6-1-2] [326 IAC 6-2-4]
- (b) Degreasing operations that do not exceed 145 gallons per 12 months, except if subject to 326 IAC 20-6. One (1) cold degreaser with a solvent usage of 0.048 pounds per hour,

installed in 1991. One (1) cold degreaser with a solvent usage of 60 gallons per year. No halogenated solvents are used in these ~~degreaser~~ **degreasers**. [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 6-1-2]
- (d) Trimmers that do not produce fugitive emissions and that are equipped with a dust collection or trim material recovery device such as a bag filter or cyclone. [326 IAC 6-1-2]
- (e) Grinding and machining operations controlled with fabric filters, scrubbers, mist collectors, wet collectors and electrostatic precipitators with a design grain loading of less than or equal to 0.03 grains per actual cubic foot and a gas flow rate less than or equal to 4,000 actual cubic feet per minute, including the following: deburring; buffing; polishing; abrasive blasting; pneumatic conveying; and woodworking operations. [326 IAC 6-1-2]
- (f) Additional activities or categories with PM emissions equal to or less than the thresholds for insignificant activities:

CNC Milling Center (Janco 60); Centerless Grinder (Janco 61); Centerless Grinder (Janco 62); Vertical Mill (Janco 63); Six (6) Centerless Grinders (Janco 64 through 69); Centerless Belt Grinder (Janco 70); Three (3) Surface Grinders (Janco 71 through 73); Cutter Grinder (Janco 74); Abrasive Cut Off Saw (Janco 75); Five (5) Floor Drill Press Operations (Janco 76 through 80); Seven (7) Turning Center Machines (Janco 81 through 87); Bench Drill Press (Janco 88); Lathe Machine (Janco 89); Two (2) Abrasive Cut Off Saws (Janco 90 through 91); Deburring Machine (Janco 92); Auto Chamfer Machine (Janco 96); Four (4) Dielectric Machines (Janco 97 through 100); Three (3) Abrasive Cut Off Saws (Janco 101 through 103); Four (4) Centerless Grinder Machines (Janco 104 through 107); 6 x 12 Surface Grinder (Janco 108); Ferris Wheel Grinder (Janco 109); Vibratory Deburring Bowl (Janco 110); Pedestal Grinder (Janco 111); Two (2) Dual Head Stock Saws (Janco 112 through 113); Two (2) Abrasive Cut Off Saws (Janco 116 through 117); Dual Chamfering Machine (Janco 118); Surface Grinder (Janco 119); Abrasive Cut Off Saw (Janco 120); Dual Chamfering Machine (Janco 121); Three (3) Centerless Grinders (Janco 123 through 125); Abrasive Cut Off Saw (Janco 126); Two (2) Drill Presses (Janco 127 through 128); Surface Grinder (Janco 129); Abrasive Cut Off Saw (Janco 130); Drill Press (Janco 131); Two (2) Eisle Saws (Janco 132 through 133); Two (2) Centerless Grinders (Janco 134 through 136); Butterfly Surface Grinder (Janco 135); Abrasive Cut Off Saw (Janco 138); Three (3) Turret Lathes (Janco 139 through 141); Two (2) Abrasive Cut Off Saws (Janco 142 through 143); Drum Saw (Janco 144); Pin Saw (Janco 145); Turret Lathe (Janco 146); Two (2) Abrasive Cut Off Saws (Janco 147 and 149); Drill Head Machine (Janco 148); Grinder for Stabbers (Janco 150); Stabber lathe (Janco 151); Two (2) Drill Presses (Janco 152 through 153); Snuffer Drill Machine (Janco 155); Three (3) CNC Turning Machines (Janco 156 through 158); Two (2) Snuffer Sanders (Janco 159 through 160); Two (2) Pedestal Grinders (Janco 162 through 163); Dual Head Saw (Janco 164); Abrasive Saw (Janco 165); 6 x 36 Belt Sander (Janco 167); Drill Press (Janco 168); Two (2) Grinders (Janco 169 through 170); Two (2) Band Saws (Janco 171 through 172); Oxy/Acetylene Torch (Janco 199); Three (3) Surface Grinders (Janco 173 through 175); Zipcut Abrasive Saw (Janco 177); 6 x 18 Surface Grinder (Janco 178); Four (4) Vertical Mills (Janco 179 through 182); Two (2) Lathes (Janco 183 through 184); 6 x 12 Center

Grinder (Janco 185); Center Grinder (Janco 186); Cutter Grinder (Janco 187); Abrasive Blast Cabinet (Janco 188); Center Grinder (Janco 189); Drill Press (Janco 190); Vertical Mill (Janco 191); Oxy/ Acetylene Torch (Janco 198); Lathe Machine (Janco 192); Twin Bench Grinder (Janco 193); Horizontal Band Saw (Janco 194); Two (2) Abrasive Cut Off Saws (Janco 195 through 196); Twin Head Chamfering Machine (Janco 197); Fifteen (15) Vacuum Cleaners for Particulate Removal; One (1) Stoddard Solvent Tank (Janco 218); Sandborne Centrifugal Separator (Janco 219); Two (2) Centerless Grinders (Janco 220 through 221); Four (4) Chop Saws (Janco 222 through 225); Ulticut Saw (Janco US-1); Four (4) Chop Saws (Janco 227 through 230); Mix Area (Janco 226); Two (2) Small Paint/Fiberglass Mixing Sheds with Vents; One (1) Paint Mix Area in Building #3 Venting to P1 Stack; **Plant Wide Epoxy Usage epoxy spray operations.** [326 IAC 6-1-2]

Five typographical errors are also being corrected to read as follows:

D.2.3 Hazardous Air Pollutants (HAPs) [326 IAC 2-4.1-1]

The hazardous air pollutant (HAP) usage at the paint booth identified as Janco Auto booth 5 shall be limited to less than ten (10) tons per twelve (12) consecutive months of each individual HAP and twenty-five (25) tons per twelve (12) consecutive months of any combination of HAPs, each. This will limit HAP emissions ~~from each of the two (2) booths~~ to less than ten (10) tons per year of each individual HAP and less than twenty-five (25) tons per year of total HAPs. Therefore, the requirements of 326 IAC 2-4.1-1 are not applicable to these facilities.

D.3.2 Volatile Organic Compounds (VOC) [326 IAC 8-3-2]

The two (2) insignificant cold ~~degreaser~~ **degreasers** will comply with the requirements of 326 IAC 8-3-2 as follows:

Pursuant to 326 IAC 8-3-2 Cold Cleaner operation, the owner or operator of a cold cleaning facility shall:

- (1) equip the cleaner with a cover;
- (2) equip the cleaner with a facility for draining cleaned parts;
- (3) close the degreaser cover whenever parts are not being handled in the cleaner;
- (4) drain cleaned parts for at least fifteen (15) seconds or until dripping ceases;
- (5) provide a permanent, conspicuous label summarizing the operating requirements;
- (6) store waste solvent only in covered containers and not dispose of waste solvent or transfer it ~~to~~ to another party, in such a manner that greater than twenty percent (20%) of the waste solvent (by weight) can evaporate into the atmosphere.

~~D.3.2~~ D.3.3 Volatile Organic Compounds (VOC) [326 IAC 8-3-2]

The two (2) insignificant cold ~~degreaser~~ **degreasers** will comply with the requirements of 326 IAC 8-3-5 as follows:

- (a) Pursuant to 326 IAC 8-3-5(a) (Cold Cleaner Degreaser Operation and Control), the owner or operator of a cold cleaner degreaser facility 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) millimeters of mercury or three-tenths (0.3) pounds per square inch) measured at thirty-eight degrees Celsius (38EC) (one hundred degrees Fahrenheit (100EF));
 - (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 (38EC) (one hundred degrees Fahrenheit (100EF)), 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 (38EC) (one hundred degrees Fahrenheit (100EF)), or if the solvent is heated to a temperature greater than forty-eight and nine-tenths degrees Celsius (48.9EC) (one hundred twenty degrees Fahrenheit (120EF)):
 - (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 or 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.

Section D.5 is hereby added to the permit to read as follows:

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

- (r) Three (3) paint booths, identified as booths B-6 through B-8, equipped with HVLP spray guns and utilizing dry filters for overspray control.

(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 Particulate Matter (PM) [326 IAC 6-1-2(a)]

Pursuant to 326 IAC 6-1-2(a)(Nonattainment Area Particulate Limitations), particulate matter (PM) emissions from the surface coating booths shall be limited to 0.03 grains per dry standard cubic foot. At an air flow rate of 1,400 actual cubic feet per minute, this limit is equivalent to 0.360 pounds per hour for each booth. The dry filters shall be in operation at all times when the booth that it controls is in operation, in order to comply with this limit.

D.5.2 Volatile Organic Compounds (VOC) [326 IAC 8-1-6]

Any change or modification which may increase the potential to emit VOC to twenty-five (25) tons per year from these booths shall cause the booths to become subject to 326 IAC 8-1-6 and shall require prior approval from the Office of Air Quality.

Compliance Determination Requirements

D.5.3 Testing Requirements [326 IAC 2-7-6(1),(6)]

The Permittee is not required to test this facility by this permit. However, IDEM may require compliance testing when necessary to determine if the facility is in compliance. If testing is required by IDEM, compliance shall be determined by a performance test conducted in accordance with Section C - Performance Testing.

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

D.5.4 Record Keeping Requirements

There are no specific record keeping requirements for this facility.

D.5.5 Reporting Requirements

There are no specific reporting requirements for this facility.

Furthermore, all instances of "Office of Air Management" in the permit conditions have been amended to read "Office of Air Quality" and the facility description in Section D.3 is hereby amended as follows:

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. One (1) 0.526 million British thermal units Boiler Natural Gas (Janco SV-56), installed in 1989. [326 IAC 6-1-2] [326 IAC 6-2-4]
- (b) Degreasing operations that do not exceed 145 gallons per 12 months, except if subject to 326 IAC 20-6. One (1) cold degreaser with a solvent usage of 0.048 pounds per hour, installed in 1991. **One (1) cold degreaser with a solvent usage of 60 gallons per year.** No halogenated solvents are used in this degreaser these degreasers. [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 6-1-2]
- (d) Trimmers that do not produce fugitive emissions and that are equipped with a dust collection or trim material recovery device such as a bag filter or cyclone. [326 IAC 6-1-2]
- (e) Grinding and machining operations controlled with fabric filters, scrubbers, mist collectors, wet collectors and electrostatic precipitators with a design grain loading of less than or equal to 0.03 grains per actual cubic foot and a gas flow rate less than or equal to 4,000 actual cubic feet per minute, including the following: deburring; buffing; polishing; abrasive blasting; pneumatic conveying; and woodworking operations. [326 IAC 6-1-2]
- (f) Additional activities or categories with PM emissions equal to or less than the thresholds for insignificant activities:
CNC Milling Center (Janco 60); Centerless Grinder (Janco 61); Centerless Grinder (Janco 62); Vertical Mill (Janco 63); Six (6) Centerless Grinders (Janco 64 through 69); Centerless Belt Grinder (Janco 70); Three (3) Surface Grinders (Janco 71 through 73); Cutter Grinder (Janco 74); Abrasive Cut Off Saw (Janco 75); Five (5) Floor Drill Press Operations (Janco 76 through 80); Seven (7) Turning Center Machines (Janco 81 through 87); Bench Drill Press (Janco 88); Lathe Machine (Janco 89); Two (2) Abrasive Cut Off Saws (Janco 90 through 91); Deburring Machine (Janco 92); Auto Chamfer Machine (Janco 96); Four (4) Dielectric Machines (Janco 97 through 100); Three (3) Abrasive Cut Off Saws (Janco 101 through 103); Four (4) Centerless Grinder Machines (Janco 104 through 107); 6 x 12 Surface Grinder (Janco 108); Ferris Wheel Grinder (Janco 109); Vibratory Deburring Bowl (Janco 110); Pedestal Grinder (Janco 111); Two (2) Dual Head Stock Saws (Janco 112 through 113); Two (2) Abrasive Cut Off Saws (Janco 116 through 117); Dual Chamfering Machine (Janco 118); Surface Grinder (Janco 119); Abrasive Cut Off Saw (Janco 120); Dual Chamfering Machine (Janco 121); Three (3) Centerless Grinders (Janco 123 through 125); Abrasive Cut Off Saw (Janco 126); Two (2) Drill Presses (Janco 127 through 128); Surface Grinder (Janco 129); Abrasive Cut Off Saw (Janco 130); Drill Press (Janco 131); Two (2) Eisle Saws (Janco 132 through 133); Two (2) Centerless Grinders (Janco 134 through 136); Butterfly Surface Grinder (Janco 135); Abrasive Cut Off Saw (Janco 138); Three (3) Turret Lathes (Janco 139 through 141); Two (2) Abrasive Cut Off Saws (Janco 142 through 143); Drum Saw (Janco 144); Pin Saw (Janco 145); Turret Lathe (Janco 146); Two (2) Abrasive Cut Off Saws (Janco 147 and 149); Drill Head Machine (Janco 148); Grinder for Stabbers (Janco 150); Stabber lathe (Janco 151); Two (2) Drill Presses (Janco 152 through 153); Snuffer Drill Machine (Janco 155); Three (3) CNC Turning Machines (Janco 156 through 158); Two (2) Snuffer Sanders (Janco 159 through 160); Two (2) Pedestal Grinders (Janco 162 through 163); Dual Head Saw (Janco 164); Abrasive Saw (Janco 165); 6 x 36 Belt Sander (Janco 167); Drill Press (Janco 168); Two (2) Grinders (Janco 169 through 170); Two (2) Band Saws (Janco 171 through 172); Oxy/Acetylene Torch (Janco 199); Three (3) Surface Grinders (Janco 173 through 175); Zipcut Abrasive Saw (Janco 177); 6 x 18 Surface Grinder (Janco 178); Four (4) Vertical Mills (Janco 179 through 182); Two (2) Lathes (Janco 183 through 184); 6 x 12 Center Grinder (Janco 185); Center Grinder (Janco 186); Cutter Grinder (Janco 187); Abrasive Blast Cabinet (Janco 188); Center Grinder (Janco 189); Drill Press (Janco 190); Vertical Mill (Janco 191); Oxy/Acetylene Torch (Janco 198); Lathe Machine (Janco 192); Twin Bench Grinder (Janco 193); Horizontal Band Saw (Janco 194); Two (2) Abrasive Cut Off Saws (Janco 195 through 196); Twin Head Chamfering Machine (Janco 197); Fifteen (15) Vacuum Cleaners for Particulate Removal; One (1) Stoddard Solvent Tank (Janco 218); Sandborne Centrifugal Separator (Janco 219); Two (2) Centerless Grinders (Janco 220 through 221); Four (4) Chop Saws (Janco 222 through 225); Ulticut Saw (Janco US-1); Four (4) Chop Saws (Janco 227 through 230); Mix Area (Janco 226); Two (2) Small Paint/Fiberglass Mixing Sheds with Vents; One (1) Paint Mix Area in Building #3 Venting to P1 Stack; **Plant Wide Epoxy Usage epoxy spray operations.** [326 IAC 6-1-2]

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

The addition of the three (3) natural gas-fired curing ovens, identified as Janco 234 through 236, each rated at 0.27 million Btu per hour, is hereby acknowledged. No revision of the permit was necessary to accommodate the change, as the units are classifiable as an insignificant activity which is not specifically regulated.

All other conditions of the permit shall remain unchanged and in effect. Please attach a copy of this amendment and the following revised permit pages to the front of the original permit.

The Part 70 operating permit is being revised pursuant to 326 IAC 2-7-11(a)(8), which states, "An administrative permit amendment is a Part 70 permit revision that revises descriptive information where the revision will not trigger a new applicable requirement or violate a permit term." Since the only rule applicable to the additional facilities is 326 IAC 6-1-2, Nonattainment Area Particulate Limitations, which is applicable to all facilities at this source, there are no new applicable rules as a result of this revision.

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter, please contact Allen R. Davidson at (800) 451-6027, press 0 and ask for extension 3-5693, or dial (317) 233-5693.

Sincerely,

Original signed by Paul Dubenetzky

Paul Dubenetzky, Chief
Permits Branch
Office of Air Quality

Attachments
ARD

cc: File - St Joseph County
U.S. EPA, Region V
St Joseph County Health Department
IDEM - Northern Regional Office
Air Compliance Section Inspector - Rick Reynolds
Compliance Data Section - Karen Nowak
Administrative and Development - Janet Mobley
Technical Support and Modeling - Michele Boner

PART 70 OPERATING PERMIT OFFICE OF AIR QUALITY

**Janco Products, Inc.
920 South Logan Street
Mishawaka, Indiana 46544**

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

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-7 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.: T 141-7550-00129	
Issued by: Janet G. McCabe, Assistant Commissioner Office of Air Management	Issuance Date: February 1, 2000
First Minor Permit Modification 141-12313-00129	Issuance Date: August 25, 2000
First Administrative Amendment 141-13575-00129	Issuance Date: January 29, 2001
Second Administrative Amendment 141-15229-00129	(Pages 37a - 46 were renumbered as 38 - 46) Pages Amended: 4, 6 - 8, 33, 35 - 36, 39
Original signed by Paul Dubenetzky Issued by: Paul Dubenetzky, Branch Chief Office of Air Quality	Issuance Date: January 14, 2002

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- C.12 Emergency Reduction Plans [326 IAC 1-5-2] [326 IAC 1-5-3]
- C.13 Risk Management Plan [326 IAC 2-7-5(12)] [40 CFR 68.215]
- C.14 Compliance Monitoring Plan - Failure to Take Response Steps [326 IAC 2-7-5]
[326 IAC 2-7-6] [326 IAC 1-6]
- C.15 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-7-5]
[326 IAC 2-7-6]

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

- C.16 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]
- C.17 Monitoring Data Availability [326 IAC 2-7-6(1)] [326 IAC 2-7-5(3)]
- C.18 General Record Keeping Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-6]
- C.19 General Reporting Requirements [326 IAC 2-7-5(3)(C)]

Stratospheric Ozone Protection

- C.20 Compliance with 40 CFR 82 and 326 IAC 22-1

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- D.1.1 Particulate Matter (PM) [326 IAC 6-1-2(a)]
- D.1.2 Volatile Organic Compounds (VOC) [326 IAC 8-1-6]

Compliance Determination Requirements

- D.1.3 Testing Requirements [326 IAC 2-7-6(1),(6)][326 IAC 2-1.1-11]

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

- D.1.4 Record Keeping Requirements

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

- D.2.1 Particulate Matter (PM) [326 IAC 6-1-2(a)]
- D.2.2 Volatile Organic Compounds (VOC) [326 IAC 8-1-6]
- D.2.3 Hazardous Air Pollutants (HAPs) [326 IAC 2-4.1-1]
- D.2.4 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

Compliance Determination Requirements

- D.2.5 Testing Requirements [326 IAC 2-7-6(1),(6)][326 IAC 2-1.1-11]
- D.2.6 Particulate Matter (PM)
- D.2.7 Volatile Organic Compounds (VOC) and Hazardous Air Pollutants (HAPs)
- D.2.8 VOC and HAP Emissions

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

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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 through A.3 is descriptive information and does not constitute enforceable conditions. However, the Permittee should be aware that a physical change or a change in the method of operation that may render this descriptive information obsolete or inaccurate may trigger requirements for the Permittee to obtain additional permits or seek modification of this permit pursuant to 326 IAC 2, or change other applicable requirements presented in the permit application.

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

The Permittee owns and operates a stationary fiberglass reinforced tube manufacturing source.

Responsible Official: Doug Jaques
Source Address: 920 South Logan Street, Mishawaka, Indiana 46544
Mailing Address: 920 South Logan Street, Mishawaka, Indiana 46544
Phone Number: (219) 255-3169
SIC Code: 3089
County Location: St. Joseph
County Status: Attainment for all criteria pollutants
Source Status: Part 70 Permit Program
Minor Source, under PSD Rules;
Major Source, Section 112 of the Clean Air Act

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

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

- (a) One (1) single stream pulltrusion machine, identified as Janco 45-S, installed in 1997, exhausting to stack P1, capacity: 7.28 pounds of resin per hour.
- (b) One (1) single stream pulltrusion machine, identified as Janco 46-S, installed in 1997, exhausting to stack P1, capacity: 26.95 pounds of resin per hour.
- (c) One (1) single stream pulltrusion machine, identified as Janco 48-S, installed in 1997, exhausting to stack P1, capacity: 7.28 pounds per hour.
- (d) One (1) single stream pulltrusion machine, identified as Janco 44-S, installed in 1999, exhausting to stack P1, capacity: 9.114 pounds per hour.
- (e) One (1) dual stream pulltrusion machine, identified as Janco 50-D-A and Janco 50-D-B, installed in 1998, exhausting to stack P1, capacity: 4.67 pounds per hour.
- (f) One (1) single stream pulltrusion machine, identified as Janco 32-S, installed in 1996, exhausting to stack P1, capacity: 8.07 pounds per hour.
- (g) One (1) single stream pulltrusion machine, identified as Janco 34-S, installed in 1996, exhausting to stack P1, capacity: 6.07 pounds per hour.
- (h) One (1) single stream pulltrusion machine, identified as Janco 36-S, installed in 1996, exhausting to stack P1, capacity: 23.16 pounds per hour.
- (i) One (1) single stream pulltrusion machine, identified as Janco 38-S, installed in 1996,

exhausting to stack P1, capacity: 1.0 pound per hour.

- (j) One (1) dual stream pulltrusion machine, identified as Janco 40-D-A and Janco 40-D-B, installed in 1996, exhausting to stack P1, capacity: 1.0 pound per hour.
- (k) One (1) dual stream pulltrusion machine, identified as Janco 42-D-A and Janco 42-D-B, installed in 1996, exhausting to stack P1, capacity: 4.67 pounds per hour.
- (l) One (1) resin mix room, identified as Janco MA-001, constructed in 1997 and exhausting to stack P1.
- (m) One (1) paint booth, identified as Janco booth 1, constructed in 1993, equipped with two (2) high volume, low pressure (HVLP) spray guns and dry filters as overspray control, exhausting to stack PB16, capacity: 66.51 pounds of coating per hour.
- (n) One (1) paint booth, identified as Janco booth 2, constructed in 1977, equipped with two (2) high volume, low pressure (HVLP) spray guns and dry filters as overspray control, exhausting to stack PB17, capacity: 66.51 pounds of coating per hour.
- (o) One (1) paint booth, identified as Janco booth 3, constructed in 1993, equipped with one (1) mechanical high volume, low pressure (HVLP) spray gun and dry filters as overspray control, exhausting to stack PB18, capacity: 66.51 pounds of coating per hour.
- (p) One (1) automatic paint booth, identified as Janco Auto booth 5, constructed in 1998, equipped with two (2) high volume, low pressure spray guns and dry filters as overspray control, exhausting to stacks PB20A and PB20B, capacity: 66.51 pounds of coating per hour.
- (q) Three (3) dual stream pultrusion machines, identified as Janco 52 D-A /52 D-B, Janco 54 D-A/54 D-B, and Janco 56D-A/56D-B, exhausting to stack P1, capacity: 30 pounds of fiberglass tubes per hour, each.
- (r) Three (3) paint booths, identified as booths B-6 through B-8, equipped with HVLP spray guns and utilizing dry filters for overspray control.

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

This stationary source 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. One (1) 0.526 million British thermal units Boiler Natural Gas (Janco SV-56), installed in 1989. [326 IAC 6-1-2] [326 IAC 6-2-4]
- (b) Degreasing operations that do not exceed 145 gallons per 12 months, except if subject to 326 IAC 20-6. One (1) cold degreaser with a solvent usage of 0.048 pounds per hour, installed in 1991. One (1) cold degreaser with a solvent usage of 60 gallons per year. No halogenated solvents are used in these degreaser. [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 6-1-2]

- (d) Trimmers that do not produce fugitive emissions and that are equipped with a dust collection or trim material recovery device such as a bag filter or cyclone. [326 IAC 6-1-2]
- (e) Grinding and machining operations controlled with fabric filters, scrubbers, mist collectors, wet collectors and electrostatic precipitators with a design grain loading of less than or equal to 0.03 grains per actual cubic foot and a gas flow rate less than or equal to 4,000 actual cubic feet per minute, including the following: deburring; buffing; polishing; abrasive blasting; pneumatic conveying; and woodworking operations. [326 IAC 6-1-2]
- (f) Additional activities or categories with PM emissions equal to or less than the thresholds for insignificant activities:

CNC Milling Center (Janco 60); Centerless Grinder (Janco 61); Centerless Grinder (Janco 62); Vertical Mill (Janco 63); Six (6) Centerless Grinders (Janco 64 through 69); Centerless Belt Grinder (Janco 70); Three (3) Surface Grinders (Janco 71 through 73); Cutter Grinder (Janco 74); Abrasive Cut Off Saw (Janco 75); Five (5) Floor Drill Press Operations (Janco 76 through 80); Seven (7) Turning Center Machines (Janco 81 through 87); Bench Drill Press (Janco 88); Lathe Machine (Janco 89); Two (2) Abrasive Cut Off Saws (Janco 90 through 91); Deburring Machine (Janco 92); Auto Chamfer Machine (Janco 96); Four (4) Dielectric Machines (Janco 97 through 100); Three (3) Abrasive Cut Off Saws (Janco 101 through 103); Four (4) Centerless Grinder Machines (Janco 104 through 107); 6 x 12 Surface Grinder (Janco 108); Ferris Wheel Grinder (Janco 109); Vibratory Deburring Bowl (Janco 110); Pedestal Grinder (Janco 111); Two (2) Dual Head Stock Saws (Janco 112 through 113); Two (2) Abrasive Cut Off Saws (Janco 116 through 117); Dual Chamfering Machine (Janco 118); Surface Grinder (Janco 119); Abrasive Cut Off Saw (Janco 120); Dual Chamfering Machine (Janco 121); Three (3) Centerless Grinders (Janco 123 through 125); Abrasive Cut Off Saw (Janco 126); Two (2) Drill Presses (Janco 127 through 128); Surface Grinder (Janco 129); Abrasive Cut Off Saw (Janco 130); Drill Press (Janco 131); Two (2) Eisle Saws (Janco 132 through 133); Two (2) Centerless Grinders (Janco 134 through 136); Butterfly Surface Grinder (Janco 135); Abrasive Cut Off Saw (Janco 138); Three (3) Turret Lathes (Janco 139 through 141); Two (2) Abrasive Cut Off Saws (Janco 142 through 143); Drum Saw (Janco 144); Pin Saw (Janco 145); Turret Lathe (Janco 146); Two (2) Abrasive Cut Off Saws (Janco 147 and 149); Drill Head Machine (Janco 148); Grinder for Stabbers (Janco 150); Stabber lathe (Janco 151); Two (2) Drill Presses (Janco 152 through 153); Snuffer Drill Machine (Janco 155); Three (3) CNC Turning Machines (Janco 156 through 158); Two (2) Snuffer Sanders (Janco 159 through 160); Two (2) Pedestal Grinders (Janco 162 through 163); Dual Head Saw (Janco 164); Abrasive Saw (Janco 165); 6 x 36 Belt Sander (Janco 167); Drill Press (Janco 168); Two (2) Grinders (Janco 169 through 170); Two (2) Band Saws (Janco 171 through 172); Oxy/Acetylene Torch (Janco 199); Three (3) Surface Grinders (Janco 173 through 175); Zipcut Abrasive Saw (Janco 177); 6 x 18 Surface Grinder (Janco 178); Four (4) Vertical Mills (Janco 179 through 182); Two (2) Lathes (Janco 183 through 184); 6 x 12 Center Grinder (Janco 185); Center Grinder (Janco 186); Cutter Grinder (Janco 187); Abrasive Blast Cabinet (Janco 188); Center Grinder (Janco 189); Drill Press (Janco 190); Vertical Mill (Janco 191); Oxy/Acetylene Torch (Janco 198); Lathe Machine (Janco 192); Twin Bench Grinder (Janco 193); Horizontal Band Saw (Janco 194); Two (2) Abrasive Cut Off Saws (Janco 195 through 196); Twin Head Chamfering Machine (Janco 197); Fifteen (15) Vacuum Cleaners for Particulate Removal; One (1) Stoddard Solvent Tank (Janco 218); Sandborne Centrifugal Separator (Janco 219); Two (2) Centerless Grinders (Janco 220 through 221); Four (4) Chop Saws (Janco 222 through 225); Ulticut Saw (Janco US-1); Four (4) Chop Saws (Janco 227 through 230); Mix Area (Janco 226); Two (2) Small Paint/Fiberglass Mixing Sheds with Vents; One (1) Paint Mix Area in Building #3 Venting to P1 Stack; Plant Wide Epoxy Usage. [326 IAC 6-1-2]

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

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

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

SECTION B

GENERAL CONDITIONS

B.1 Permit No Defense [IC 13]

- (a) Indiana statutes from IC 13 and rules from 326 IAC, quoted in conditions in this permit, are those applicable at the time the permit was issued. The issuance or possession of this permit shall not alone constitute a defense against an alleged violation of any law, regulation or standard, except for the requirement to obtain a Part 70 permit under 326 IAC 2-7.
- (b) This prohibition shall not apply to alleged violations of applicable requirements for which the Commissioner has granted a permit shield in accordance with 326 IAC 2-7-15, as set out in this permit in the Section B condition entitled "Permit Shield."

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

- (b) 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.

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

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

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

B.10 Certification [326 IAC 2-7-4(f)] [326 IAC 2-7-6(1)] [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 under this permit 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, on the attached Certification Form, with each submittal.
- (c) A responsible official is defined at 326 IAC 2-7-1(34).

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

- (a) The Permittee shall annually submit a compliance certification report which addresses the status of the source's compliance with the terms and conditions contained in this permit, including emission limitations, standards, or work practices. The certification shall cover the time period from January 1 to December 31 of the previous year, and shall be submitted in letter form no later than April 15 of each year to:

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

and

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

- (b) The annual compliance certification report required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, on or before the date it is due.
- (c) The annual compliance certification report shall include the following:
 - (1) The identification of each term or condition of this permit that is the basis of the certification;
 - (2) The compliance status;
 - (3) Whether compliance was based on continuous or intermittent data;
 - (4) The methods used for determining compliance of the source, currently and over the reporting period consistent with 326 IAC 2-7-5(3); 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.12 Preventive Maintenance Plan [326 IAC 2-7-5(1),(3) and (13)] [326 IAC 2-7-6(1) and (6)]
[326 IAC 1-6-3]

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

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

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

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

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

- (a) An emergency, as defined in 326 IAC 2-7-1(12), is not an affirmative defense for an action brought for noncompliance with a federal or state health-based emission limitation, except as provided in 326 IAC 2-7-16.
- (b) An emergency, as defined in 326 IAC 2-7-1(12), constitutes an affirmative defense to an action brought for noncompliance with a health-based or technology-based emission limitation if the affirmative defense of an emergency is demonstrated through properly signed, contemporaneous operating logs or other relevant evidence that describe the following:

- (1) An emergency occurred and the Permittee can, to the extent possible, identify the causes of the emergency;
- (2) The permitted facility was at the time being properly operated;
- (3) During the period of an emergency, the Permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards or other requirements in this permit;
- (4) For each emergency lasting one (1) hour or more, the Permittee notified IDEM, OAQ, 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

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

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

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

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

- (A) A description of the emergency;

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

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

- (6) The Permittee immediately took all reasonable steps to correct the emergency.
- (c) In any enforcement proceeding, the Permittee seeking to establish the occurrence of an emergency has the burden of proof.
- (d) This emergency provision supersedes 326 IAC 1-6 (Malfunctions) for sources subject to this rule after the effective date of this rule. This permit condition is in addition to any emergency or upset provision contained in any applicable requirement.
- (e) IDEM, OAQ, may require that the Preventive Maintenance Plans required under 326 IAC 2-7-4-(c)(10) 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 compliance with (b)(4) and (5) of this condition shall constitute a violation of 326 IAC 2-7 and any other applicable rules.
- (g) Operations may continue during an emergency only if the following conditions are met:
 - (1) If the emergency situation causes a deviation from a technology-based limit, the Permittee may continue to operate the affected emitting facilities during the emergency provided the Permittee immediately takes all reasonable steps to correct the emergency and minimize emissions.
 - (2) If an emergency situation causes a deviation from a health-based limit, the Permittee may not continue to operate the affected emissions facilities unless:
 - (A) The Permittee immediately takes all reasonable steps to correct the emergency situation and to minimize emissions; and
 - (B) Continued operation of the facilities is necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw materials of substantial economic value.

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

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

-
- (a) This condition provides a permit shield as addressed in 326 IAC 2-7-15.
 - (b) This permit shall be used as the primary document for determining compliance with applicable requirements established by previously issued permits. Compliance with the conditions of this permit shall be deemed in compliance with any applicable requirements as of the date of permit issuance, provided that:
 - (1) The applicable requirements are included and specifically identified in this permit; or

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

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

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

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

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

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

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

- (b) A deviation is an exceedance of a permit limitation or a failure to comply with a requirement of the permit or a rule. It does not include:
- (1) An excursion from compliance monitoring parameters as identified in Section D of this permit unless tied to an applicable rule or limit; or
 - (2) An emergency as defined in 326 IAC 2-7-1(12); or
 - (3) Failure to implement elements of the Preventive Maintenance Plan unless such failure has caused or contributed to a deviation.
 - (4) Failure to make or record information required by the compliance monitoring provisions of Section D unless such failure exceeds 5% of the required data in any calendar quarter.

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

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

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

-
- (a) This permit may be modified, reopened, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a Part 70 permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any condition of this permit. [326 IAC 2-7-5(6)(C)]
- (b) This permit shall be reopened and revised under any of the circumstances listed in IC 13-15-7-2 or if IDEM, 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.18 Permit Renewal [326 IAC 2-7-4]

- (a) The application for renewal shall be submitted using the application form or forms prescribed by IDEM, 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).

Request for renewal shall be submitted to:

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

- (b) Timely Submittal of Permit Renewal [326 IAC 2-7-4(a)(1)(D)]
 - (1) A timely renewal application is one that is:
 - (A) Submitted at least nine (9) months prior to the date of the expiration of this permit; and
 - (B) If the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, 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.19 Permit Amendment or Modification [326 IAC 2-7-11] [326 IAC 2-7-12]

- (a) The Permittee must comply with the requirements of 326 IAC 2-7-11 or 326 IAC 2-7-12 whenever the Permittee seeks to amend or modify this permit.

- (b) Any application requesting an amendment or modification of this permit shall be submitted to:

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

Any such application should be certified by the "responsible official" as defined by 326 IAC 2-7-1(34) only if a certification is required by the terms of the applicable rule.

- (c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-7-11(c)(3)]

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

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

B.21 Operational Flexibility [326 IAC 2-7-20]

- (a) The Permittee may make any change or changes at the source that are described in 326 IAC 2-7-20(b), (c), or (e), without a prior permit revision, if each of the following conditions is met:

- (1) The changes are not modifications under any provision of Title I of the Clean Air Act;
- (2) Any approval required by 326 IAC 2-1.1 has been obtained;
- (3) The changes do not result in emissions which exceed the emissions allowable under this permit (whether expressed herein as a rate of emissions or in terms of total emissions);
- (4) The Permittee notifies the:

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

and

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

in advance of the change by written notification at least ten (10) days in advance of the proposed change. The Permittee shall attach every such notice to the Permittee's copy of this permit; and

- (5) The Permittee maintains records on-site which document, on a rolling five (5) year basis, all such changes and emissions trading that are subject to 326 IAC 2-7-20 (b), (c), or (e) and makes such records available, upon reasonable request, for public review.

Such records shall consist of all information required to be submitted to IDEM, OAQ, in the notices specified in 326 IAC 2-7-20(b), (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) and the following additional conditions:

- (1) The permit shield, described in 326 IAC 2-7-15, shall not apply to any change made under 326 IAC 2-7-20(b).
- (2) For each such Section 502(b)(10) of the Clean Air Act change, the required written notification shall include the following:
- (i) A brief description of the change within the source;
 - (ii) The date on which the change will occur;
 - (iii) Any change in emissions; and
 - (iv) Any permit term or condition that is no longer applicable as a result of the change.

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

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

B.22 Construction Permit Requirement [326 IAC 2]

A modification, construction, or reconstruction shall be approved if required by and in accordance with the applicable provisions of 326 IAC 2.

B.23 Inspection and Entry [326 IAC 2-7-6(2)]

Upon presentation of proper identification cards, credentials, and other documents as may be required by law, 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) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
- (c) Inspect, at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit;
- (d) Sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with this permit or applicable requirements; and
- (e) Utilize any photographic, recording, testing, monitoring, or other equipment for the purpose of assuring compliance with this permit or applicable requirements.

[326 IAC 2-7-6(6)]

B.24 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, P.O. Box 6015
Indianapolis, Indiana 46206-6015

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

- (c) 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.25 Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-7-5(7)]

- (a) The Permittee shall pay annual fees to IDEM, OAQ, within thirty (30) calendar days of receipt of a billing. 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 317-233-0425 (ask for OAQ, Technical Support and Modeling Section), to determine the appropriate permit fee.

SECTION C

SOURCE OPERATION CONDITIONS

Entire Source

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

C.1 Opacity [326 IAC 5-1]

- (a) Pursuant to 326 IAC 5-1-2 (Opacity Limitations), except as provided in 326 IAC 5-1-3 (Temporary Exemption Alternative Opacity Limitations), opacity shall meet the following, unless otherwise stated in this permit:
- (1) Opacity shall not exceed an average of thirty percent (30%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.
 - (2) 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.
- (b) Condition 1 of CP 141-10261-00129, issued on December 4, 1998, which states that pursuant to 326 IAC 5-1-2 (Visible Emission Limitations) except as provided in 326 IAC 5-1-3 (Temporary Exemptions), the visible emissions shall not exceed an average of 40% opacity in 24 consecutive readings, is not incorporated into this permit because this source is located in St. Joseph County north of Kern Road and east of Pine Road. Therefore, the visible emissions shall not exceed thirty percent (30%) opacity in twenty-four (24) consecutive readings, as stated in (a) of this condition.

C.2 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.3 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. The provisions of 326 IAC 9-1-2 are not federally enforceable.

C.4 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.5 Operation of Equipment [326 IAC 2-7-6(6)]

Except as otherwise provided 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 are in operation.

C.6 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.

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

- (a) Notification requirements apply to each owner or operator. If the combined amount of regulated asbestos containing material (RACM) to be stripped, removed or disturbed is at least 260 linear feet on pipes or 160 square feet on other facility components, or at least thirty-five (35) cubic feet on all facility components, then the notification requirements of 326 IAC 14-10-3 are mandatory. All demolition projects require notification whether or not asbestos is present.
- (b) The Permittee shall ensure that a written notification is sent on a form provided by the Commissioner at least ten (10) working days before asbestos stripping or removal work or before demolition begins, per 326 IAC 14-10-3, and shall update such notice as necessary, including, but not limited to the following:
 - (1) When the amount of affected asbestos containing material increases or decreases by at least twenty percent (20%); or
 - (2) If there is a change in the following:
 - (A) Asbestos removal or demolition start date;
 - (B) Removal or demolition contractor; or
 - (C) Waste disposal site.
- (c) The Permittee shall ensure that the notice is postmarked or delivered according to the guidelines set forth in 326 IAC 14-10-3(2).
- (d) The notice to be submitted shall include the information enumerated in 326 IAC 14-10-3(3).

All required notifications shall be submitted to:

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

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

- (e) **Procedures for Asbestos Emission Control**
The Permittee shall comply with the applicable emission control procedures in 326 IAC 14-10-4 and 40 CFR 61.145(c). Per 326 IAC 14-10-4, emission control requirements are 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 is federally enforceable.

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

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

- (a) All testing shall be performed according to the provisions of 326 IAC 3-6 (Source Sampling Procedures), except as provided elsewhere in this permit, utilizing 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, P. O. Box 6015
Indianapolis, Indiana 46206-6015

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

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

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

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

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

The Permittee:

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

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

Compliance with applicable requirements shall be documented as required by this permit. All monitoring and record keeping requirements not already legally required shall be implemented within ninety (90) days of permit issuance. 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, P. O. Box 6015
Indianapolis, Indiana 46206-6015

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

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

C.11 Monitoring Methods [326 IAC 3]

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, or other approved methods as specified in this permit.

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

C.12 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 shall prepare written emergency reduction plans (ERPs) consistent with safe operating procedures.

(b) These ERPs shall be submitted for approval to:

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

within ninety (90) days after the date of issuance of this permit.

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

(c) If the ERP is disapproved by IDEM, OAQ, the Permittee shall have an additional thirty (30) days to resolve the differences and submit an approvable ERP.

(d) These ERPs shall state those actions that will be taken, when each episode level is declared, to reduce or eliminate emissions of the appropriate air pollutants.

(e) Said ERPs shall also identify the sources of air pollutants, the approximate amount of reduction of the pollutants, and a brief description of the manner in which the reduction will be achieved.

(f) 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.13 Risk Management Plan [326 IAC 2-7-5(12)] [40 CFR 68.215]

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

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

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

C.14 Compliance Monitoring Plan - Failure to Take Response Steps [326 IAC 2-7-5][326 IAC 2-7-6] [326 IAC 1-6]

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

tute a violation of the permit unless taking the response steps set forth in the Compliance Response Plan would be unreasonable.

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

C.15 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-7-5] [326 IAC 2-7-6]

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

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

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

C.16 Emission Statement [326 IAC 2-7-5(3)(C)(iii)] [326 IAC 2-7-5(7)] [326 IAC 2-7-19(c)] [326 IAC 2-6]

- (a) The Permittee shall submit an annual emission statement certified pursuant to the requirements of 326 IAC 2-6, that must be received by April 15 of each year and must comply with the minimum requirements specified in 326 IAC 2-6-4. The annual emission statement

shall meet the following requirements:

- (1) Indicate actual emissions of criteria pollutants from the source, in compliance with 326 IAC 2-6 (Emission Reporting);
 - (2) Indicate actual emissions of other regulated pollutants from the source, for purposes of Part 70 fee assessment.
- (b) The annual emission statement covers the twelve (12) consecutive month time period starting December 1 and ending November 30. The annual emission statement must be submitted to:
- Indiana Department of Environmental Management
Technical Support and Modeling Section, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015
- (c) The annual emission statement required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, on or before the date it is due.

C.17 Monitoring Data Availability [326 IAC 2-7-6(1)] [326 IAC 2-7-5(3)]

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

C.18 General Record Keeping Requirements [326 IAC 2-7-5(3)][326 IAC 2-7-6]

- (a) Records of all required monitoring data and support information shall be retained for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. These records shall be kept at the source location for a minimum of three

(3) years and available upon the request of an IDEM, OAQ, representative. 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 written request for records to the Permittee, the Permittee shall furnish the records to the Commissioner within a reasonable time.

- (b) Records of required monitoring information shall include, where applicable:
 - (1) The date, place, and time of sampling or measurements;
 - (2) The dates analyses were performed;
 - (3) The company or entity performing the analyses;
 - (4) The analytic techniques or methods used;
 - (5) The results of such analyses; and
 - (6) The operating conditions existing at the time of sampling or measurement.
- (c) Support information shall include, where applicable:
 - (1) Copies of all reports required by this permit;
 - (2) All original strip chart recordings for continuous monitoring instrumentation;
 - (3) All calibration and maintenance records;
 - (4) Records of preventive maintenance shall be sufficient to demonstrate that failure to implement the Preventive Maintenance Plan did not cause or contribute to a violation of any limitation on emissions or potential to emit. To be relied upon subsequent to any such violation, these records may include, but are not limited to: work orders, parts inventories, and operator's standard operating procedures. Records of response steps taken shall indicate whether the response steps were performed in accordance with the Compliance Response Plan required by Section C - Compliance Monitoring Plan - Failure to take Response Steps, of this permit, and whether a deviation from a permit condition was reported. All records shall briefly describe what maintenance and response steps were taken and indicate who performed the tasks.
- (d) All record keeping requirements not already legally required shall be implemented within ninety (90) days of permit issuance.

C.19 General Reporting Requirements [326 IAC 2-7-5(3)(C)]

- (a) To affirm that the source has met all the compliance monitoring requirements stated in this permit the source shall submit a Quarterly Compliance Monitoring Report. Any deviation from the requirements and the date(s) of each deviation must be reported. The 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, P. O. Box 6015
Indianapolis, Indiana 46206-6015

- (c) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, on or before the date it is due.
- (d) Unless otherwise specified in this permit, any quarterly report shall be submitted within thirty (30) days of the end of the reporting period. The report does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (e) All instances of deviations as described in Section B- Deviations from Permit Requirements Conditions must be clearly identified in such reports. The Emergency/Deviation Occurrence Report does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (f) Any corrective actions or response steps taken as a result of each deviation must be clearly identified in such reports.
- (g) The first report shall cover the period commencing on the date of issuance of this permit and ending on the last day of the reporting period.

Stratospheric Ozone Protection

C.20 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)]

- (a) One (1) single stream pulltrusion machine, identified as Janco 45-S, installed in 1997, exhausting to stack P1, capacity: 7.28 pounds of resin per hour.
- (b) One (1) single stream pulltrusion machine, identified as Janco 46-S, installed in 1997, exhausting to stack P1, capacity: 26.95 pounds of resin per hour.
- (c) One (1) single stream pulltrusion machine, identified as Janco 48-S, installed in 1997, exhausting to stack P1, capacity: 7.28 pounds per hour.
- (d) One (1) single stream pulltrusion machine, identified as Janco 44-S, installed in 1999, exhausting to stack P1, capacity: 9.114 pounds per hour.
- (e) One (1) dual stream pulltrusion machine, identified as Janco 50-D-A and Janco 50-D-B, installed in 1998, exhausting to stack P1, capacity: 4.67 pounds per hour.
- (f) One (1) single stream pulltrusion machine, identified as Janco 32-S, installed in 1996, exhausting to stack P1, capacity: 8.07 pounds per hour.
- (g) One (1) single stream pulltrusion machine, identified as Janco 34-S, installed in 1996, exhausting to stack P1, capacity: 6.07 pounds per hour.
- (h) One (1) single stream pulltrusion machine, identified as Janco 36-S, installed in 1996, exhausting to stack P1, capacity: 23.16 pounds per hour.
- (i) One (1) single stream pulltrusion machine, identified as Janco 38-S, installed in 1996, exhausting to stack P1, capacity: 1.0 pound per hour.
- (j) One (1) dual stream pulltrusion machine, identified as Janco 40-D-A and Janco 40-D-B, installed in 1996, exhausting to stack P1, capacity: 1.0 pound per hour.
- (k) One (1) dual stream pulltrusion machine, identified as Janco 42-D-A and Janco 42-D-B, installed in 1996, exhausting to stack P1, capacity: 4.67 pounds per hour.
- (l) One (1) resin mix room, identified as Janco MA-001, constructed in 1997 and exhausting to stack P1.

(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 Particulate Matter (PM) [326 IAC 6-1-2(a)]

Pursuant to 326 IAC 6-1-2(a)(Nonattainment Area Particulate Limitations), particulate matter (PM) emissions from the pulltrusion operations shall be limited to 0.03 grain per dry standard cubic foot. At an airflow rate of 3,800 actual cubic feet per minute, this is equivalent to 0.977 pound per hour.

D.1.2 Volatile Organic Compounds (VOC) [326 IAC 8-1-6]

Pursuant to CP 141-5672-00129, issued on December 20, 1996, any change or modification which may increase the potential to emit VOC to twenty-five (25) tons per year from the pulltrusion (based on 7% monomer flash off for a non-vapor suppressed (NVS) resin) operation shall cause the facilities to become subject to 326 IAC 8-1-6 and shall require prior approval.

Compliance Determination Requirements

D.1.3 Testing Requirements [326 IAC 2-7-6(1),(6)][326 IAC 2-1.1-11]

The Permittee is not required to test these facilities by this permit. However, IDEM may require compliance testing when necessary to determine if the facilities are in compliance. If testing is required by IDEM, compliance with the PM limit specified in Condition D.1.1 shall be determined by a performance test conducted in accordance with Section C - Performance Testing.

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

D.1.4 Record Keeping Requirements

- (a) To document compliance with Condition D.1.2, the Permittee shall maintain records in accordance with (1) through (5) below. Records maintained for (1) through (5) shall be taken monthly and shall be complete and sufficient to establish compliance with the VOC usage limits and/or the VOC emission limits established in Condition D.1.2.
 - (1) The amount and VOC content of each material used. Records shall include purchase orders, invoices, and material safety data sheets (MSDS) necessary to verify the type and amount used.
 - (2) A log of the dates of use;
 - (3) The cleanup solvent usage for each month;
 - (4) The total VOC usage for each month; and
 - (5) The weight of VOCs emitted for each compliance period.
- (b) 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)]

- (m) One (1) paint booth, identified as Janco booth 1, constructed in 1993, equipped with two (2) high volume, low pressure (HVLP) spray guns and dry filters as overspray control, exhausting to stack PB16, capacity: 66.51 pounds of coating per hour.
- (n) One (1) paint booth, identified as Janco booth 2, constructed in 1977, equipped with two (2) high volume, low pressure (HVLP) spray guns and dry filters as overspray control, exhausting to stack PB17, capacity: 66.51 pounds of coating per hour.
- (o) One (1) paint booth, identified as Janco booth 3, constructed in 1993, equipped with one (1) mechanical high volume, low pressure (HVLP) spray gun and dry filters as overspray control, exhausting to stack PB18, capacity: 66.51 pounds of coating per hour.
- (p) One (1) automatic paint booth, identified as Janco Auto booth 5, constructed in 1998, equipped with two (2) high volume, low pressure spray guns and dry filters as overspray control, exhausting to stacks PB20A and PB20B, capacity: 66.51 pounds of coating per hour.

(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 Particulate Matter (PM) [326 IAC 6-1-2(a)]

Pursuant to 326 IAC 6-1-2(a)(Nonattainment Area Particulate Limitations), particulate matter (PM) emissions from surface coating booths shall be limited to 0.03 grain per dry standard cubic foot. At an air flow rate of 1,400 actual cubic feet per minute from stacks PB16, PB17, PB18, and PB19, this is equivalent to 0.360 pound per hour at each stack, and at an air flow rate of 2,500 actual cubic feet per minute at stacks PB20A and PB20B this is equivalent to 0.643 pound per hour at each stack.

D.2.2 Volatile Organic Compound (VOC) [326 IAC 8-1-6]

Pursuant to CP141-5672-00129, the best available control technology (BACT) for the surface coating operations shall be the use of a high volume, low pressure (HVLP) application system at

all times during which these processes are operated, and the total amount of VOC delivered to the applicators in the surface coating operation shall not exceed 3.4 tons per month.

D.2.3 Hazardous Air Pollutants (HAPs) [326 IAC 2-4.1-1]

The hazardous air pollutant (HAP) usage at the paint booth identified as Janco Auto booth 5 shall be limited to less than ten (10) tons per twelve (12) consecutive months of each individual HAP and twenty-five (25) tons per twelve (12) consecutive months of any combination of HAPs, each. This will limit HAP emissions to less than ten (10) tons per year of each individual HAP and less than twenty-five (25) tons per year of total HAPs. Therefore, the requirements of 326 IAC 2-4.1-1 are not applicable to these facilities.

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

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

Compliance Determination Requirements

D.2.5 Testing Requirements [326 IAC 2-7-6(1),(6)][326 IAC 2-1.1-11]

The Permittee is not required to test this facility by this permit. However, IDEM may require compliance testing when necessary to determine if the facility is in compliance. If testing is required by IDEM, compliance with the PM limit specified in Condition D.2.1 shall be determined by a performance test conducted in accordance with Section C - Performance Testing.

D.2.6 Particulate Matter (PM)

The dry filters for PM control shall be in operation and control emissions from the paint booths at all times that the paint booths are in operation.

D.2.7 Volatile Organic Compounds (VOC) and Hazardous Air Pollutants (HAPs)

Compliance with the VOC and HAP usage limitations contained in Conditions D.2.2 and D.2.3 shall be determined pursuant to 326 IAC 8-1-4(a)(3) and 326 IAC 8-1-2(a) using formulation data supplied by the coating manufacturer. IDEM, OAQ, reserves the authority to determine compliance using Method 24 in conjunction with the analytical procedures specified in 326 IAC 8-1-4.

D.2.8 VOC and HAP Emissions

Compliance with Conditions D.2.2 and D.2.3 shall be demonstrated within 30 days of the end of each month based on the total volatile organic compound usage for the most recent month.

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

D.2.9 Monitoring

- (a) Daily inspections shall be performed to verify the placement, integrity and particle loading of the filters. To monitor the performance of the dry filters, weekly observations shall be made of the overspray from the paint booth stacks PB16, PB17, PB18, PB20A and PB20B while one or more of the booths are in operation. 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 Monitoring Plan - Failure to Take Response Steps, shall be considered a violation of this permit.
- (b) Monthly inspections shall be performed of the coating emissions from the stack and the presence of overspray on the rooftops and the nearby ground. The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when a noticeable change in overspray emission, or evidence of overspray emission is observed. 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 Monitoring Plan - Failure to Take Response Steps, shall be considered a violation of this permit.

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

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

D.2.10 Record Keeping Requirements

- (a) To document compliance with Conditions D.2.2 and D.2.3, the Permittee shall maintain records in accordance with (1) through (8) below. Records maintained for (1) through (8) shall be taken monthly and shall be complete and sufficient to establish compliance with the VOC and HAP usage limits established in Conditions D.2.2 and D.2.3.
- (1) The amount and VOC content of each coating material and solvent used. Records shall include purchase orders, invoices, and material safety data sheets (MSDS) necessary to verify the type and amount used. Solvent usage records shall differentiate between those added to coatings and those used as cleanup solvents;
 - (2) The amount and HAP content of each coating material and solvent used at Janco booth 4 and Janco Auto booth 5. Records shall include purchase orders, invoices, and material safety data sheets (MSDS) necessary to verify the type and amount used. Solvent usage records shall differentiate between those added to coatings and those used as cleanup solvents;
 - (3) A log of the dates of use;
 - (4) The cleanup solvent usage for each month;
 - (5) The total VOC usage for each month;
 - (6) The total HAP usage at Janco booth 4 and Janco Auto booth 5 for each month;
 - (7) The weight of VOCs emitted for each compliance period; and
 - (8) The weight of HAPs emitted at Janco Auto booth 5 for each compliance period.
- (b) To document compliance with Condition D.2.9, the Permittee shall maintain a log of weekly overspray observations, daily and monthly inspections, and those additional inspections prescribed by the Preventive Maintenance Plan.
- (c) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

D.2.11 Reporting Requirements

A quarterly summary of the information to document compliance with Conditions D.2.2 and D.2.3 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.

SECTION D.3

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. One (1) 0.526 million British thermal units Boiler Natural Gas (Janco SV-56), installed in 1989. [326 IAC 6-1-2] [326 IAC 6-2-4]
- (b) Degreasing operations that do not exceed 145 gallons per 12 months, except if subject to 326 IAC 20-6. One (1) cold degreaser with a solvent usage of 0.048 pounds per hour, installed in 1991. One (1) cold degreaser with a solvent usage of 60 gallons per year. No halogenated solvents are used in these degreasers. [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 6-1-2]
- (d) Trimmers that do not produce fugitive emissions and that are equipped with a dust collection or trim material recovery device such as a bag filter or cyclone. [326 IAC 6-1-2]
- (e) Grinding and machining operations controlled with fabric filters, scrubbers, mist collectors, wet collectors and electrostatic precipitators with a design grain loading of less than or equal to 0.03 grains per actual cubic foot and a gas flow rate less than or equal to 4,000 actual cubic feet per minute, including the following: deburring; buffing; polishing; abrasive blasting; pneumatic conveying; and woodworking operations. [326 IAC 6-1-2]
- (f) Additional activities or categories with PM emissions equal to or less than the thresholds for insignificant activities:
CNC Milling Center (Janco 60); Centerless Grinder (Janco 61); Centerless Grinder (Janco 62); Vertical Mill (Janco 63); Six (6) Centerless Grinders (Janco 64 through 69); Centerless Belt Grinder (Janco 70); Three (3) Surface Grinders (Janco 71 through 73); Cutter Grinder (Janco 74); Abrasive Cut Off Saw (Janco 75); Five (5) Floor Drill Press Operations (Janco 76 through 80); Seven (7) Turning Center Machines (Janco 81 through 87); Bench Drill Press (Janco 88); Lathe Machine (Janco 89); Two (2) Abrasive Cut Off Saws (Janco 90 through 91); Deburring Machine (Janco 92); Auto Chamfer Machine (Janco 96); Four (4) Dielectric Machines (Janco 97 through 100); Three (3) Abrasive Cut Off Saws (Janco 101 through 103); Four (4) Centerless Grinder Machines (Janco 104 through 107); 6 x 12 Surface Grinder (Janco 108); Ferris Wheel Grinder (Janco 109); Vibratory Deburring Bowl (Janco 110); Pedestal Grinder (Janco 111); Two (2) Dual Head Stock Saws (Janco 112 through 113); Two (2) Abrasive Cut Off Saws (Janco 116 through 117); Dual Chamfering Machine (Janco 118); Surface Grinder (Janco 119); Abrasive Cut Off Saw (Janco 120); Dual Chamfering Machine (Janco 121); Three (3) Centerless Grinders (Janco 123 through 125); Abrasive Cut Off Saw (Janco 126); Two (2) Drill Presses (Janco 127 through 128); Surface Grinder (Janco 129); Abrasive Cut Off Saw (Janco 130); Drill Press (Janco 131); Two (2) Eisle Saws (Janco 132 through 133); Two (2) Centerless Grinders (Janco 134 through 136); Butterfly Surface Grinder (Janco 135); Abrasive Cut Off Saw (Janco 138); Three (3) Turret Lathes (Janco 139 through 141); Two (2) Abrasive Cut Off Saws (Janco 142 through 143); Drum Saw (Janco 144); Pin Saw (Janco 145); Turret Lathe (Janco 146); Two (2) Abrasive Cut Off Saws (Janco 147 and 149); Drill Head Machine (Janco 148); Grinder for Stabbers (Janco 150); Stabber lathe (Janco 151); Two (2) Drill Presses (Janco 152 through 153); Snuffer Drill Machine (Janco 155); Three (3) CNC Turning Machines (Janco 156 through 158); Two (2) Snuffer Sanders (Janco 159 through 160); Two (2) Pedestal Grinders (Janco 162 through 163); Dual Head Saw (Janco 164); Abrasive Saw (Janco 165); 6 x 36 Belt Sander (Janco 167); Drill Press (Janco 168); Two (2) Grinders (Janco 169 through 170); Two (2) Band Saws (Janco 171 through 172); Oxy/Acetylene Torch (Janco 199); Three (3) Surface Grinders (Janco 173 through 175); Zipcut Abrasive Saw (Janco 177); 6 x 18 Surface Grinder (Janco 178); Four (4) Vertical Mills (Janco 179 through 182); Two (2) Lathes (Janco 183 through 184); 6 x 12 Center Grinder (Janco 185); Center Grinder (Janco 186); Cutter Grinder (Janco 187); Abrasive Blast Cabinet (Janco 188); Center Grinder (Janco 189); Drill Press (Janco 190); Vertical Mill (Janco 191); Oxy/Acetylene Torch (Janco 198); Lathe Machine (Janco 192); Twin Bench Grinder (Janco 193); Horizontal Band Saw (Janco 194); Two (2) Abrasive Cut Off Saws (Janco 195 through 196); Twin Head Chamfering Machine (Janco 197); Fifteen (15) Vacuum Cleaners for Particulate Removal; One (1) Stoddard Solvent Tank (Janco 218); Sandborne Centrifugal Separator (Janco 219); Two (2) Centerless Grinders (Janco 220 through 221); Four (4) Chop Saws (Janco 222 through 225); Ulticut Saw (Janco US-1); Four (4) Chop Saws (Janco 227 through 230); Mix Area (Janco 226); Two (2) Small Paint/Fiberglass Mixing Sheds with Vents; One (1) Paint Mix Area in Building #3 Venting to P1 Stack; Plant Wide Epoxy Operations. [326 IAC 6-1-2]

(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 Particulate Matter (PM) [326 IAC 6-1-2]

- (a) Pursuant to 326 IAC 6-1-2(b), the one (1) insignificant natural gas-fired boiler (Janco SV-56), installed in 1989, with a heat input capacity of 0.526 million British thermal units per hour shall have a particulate matter (PM) content of no greater than 0.01 grains per dry standard cubic foot.
- (b) The process operations, listed as (a) and (c) through (f), shall comply with the requirements of 326 IAC 6-2-1(a) which requires that each facility not discharge to the atmosphere any gases which contain PM in excess of 0.07 gram per dry standard cubic meter (g/dscm) (0.03 grain per dry standard cubic foot (dscf)).

D.3.2 Volatile Organic Compounds (VOC) [326 IAC 8-3-2]

The two (2) insignificant cold degreasers will comply with the requirements of 326 IAC 8-3-2 as follows:

Pursuant to 326 IAC 8-3-2 Cold Cleaner operation, the owner or operator of a cold cleaning facility shall:

- (1) equip the cleaner with a cover;
- (2) equip the cleaner with a facility for draining cleaned parts;
- (3) close the degreaser cover whenever parts are not being handled in the cleaner;
- (4) drain cleaned parts for at least fifteen (15) seconds or until dripping ceases;
- (5) provide a permanent, conspicuous label summarizing the operating requirements;
- (6) store waste solvent only in covered containers and not dispose of waste solvent or transfer it to another party, in such a manner that greater than twenty percent (20%) of the waste solvent (by weight) can evaporate into the atmosphere.

D.3.3 Volatile Organic Compounds (VOC) [326 IAC 8-3-2]

The two (2) insignificant cold degreasers will comply with the requirements of 326 IAC 8-3-5 as follows:

- (a) Pursuant to 326 IAC 8-3-5(a) (Cold Cleaner Degreaser Operation and Control), the owner or operator of a cold cleaner degreaser facility 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) millimeters of mercury or three-tenths (0.3) pounds per square inch) measured at thirty-eight degrees Celsius (38EC) (one hundred degrees Fahrenheit (100EF));
 - (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 (38EC) (one hundred degrees Fahrenheit (100EF)), 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 (38EC) (one hundred degrees Fahrenheit (100EF)), or if the solvent is heated to a temperature greater than forty-eight and nine-tenths degrees Celsius (48.9EC) (one hundred twenty degrees Fahrenheit (120EF)):
 - (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 or 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.

Compliance Determination Requirement

D.3.4 Testing Requirements [326 IAC 2-7-6(1),(6)][326 IAC 2-1.1-11]

The Permittee is not required to test these facilities by this permit. However, IDEM may require compliance testing when necessary to determine if the facility is in compliance. If testing is required by IDEM, compliance with the PM limits specified in Condition D.3.1 shall be determined by a performance test conducted in accordance with Section C - Performance Testing.

SECTION D.4

FACILITY OPERATION CONDITIONS

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

- (q) Three (3) dual stream pultrusion machines, identified as Janco 52 D-A /52 D-B, Janco 54 D-A/54 D-B, and Janco 56D-A/56D-B, exhausting to stack P1, capacity: 30 pounds of fiberglass tubes per hour, each.

(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 Particulate Matter (PM) [326 IAC 6-1-2(a)]

Pursuant to 326 IAC 6-1-2(a)(Nonattainment Area Particulate Limitations), particulate matter (PM) emissions from the pultrusion operations shall be limited to 0.03 grain per dry standard cubic foot.

D.4.2 Volatile Organic Compounds (VOC) [326 IAC 8-1-6]

Any change or modification which may increase the potential to emit VOC to twenty-five (25) tons per year from the three (3) pultrusion machines (based on 7% monomer flash off for a non-vapor suppressed (NVS) resin) shall cause the facilities to become subject to 326 IAC 8-1-6 and shall require prior approval.

SECTION D.5

FACILITY OPERATION CONDITIONS

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

- (r) Three (3) paint booths, identified as booths B-6 through B-8, equipped with HVLP spray guns and utilizing dry filters for overspray control.

(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 Particulate Matter (PM) [326 IAC 6-1-2(a)]

Pursuant to 326 IAC 6-1-2(a)(Nonattainment Area Particulate Limitations), particulate matter (PM) emissions from the surface coating booths shall be limited to 0.03 grains per dry standard cubic foot. At an air flow rate of 1,400 actual cubic feet per minute, this limit is equivalent to 0.360 pounds per hour for each booth. The dry filters shall be in operation at all times when the booth that it controls is in operation, in order to comply with this limit.

D.5.2 Volatile Organic Compounds (VOC) [326 IAC 8-1-6]

Any change or modification which may increase the potential to emit VOC to twenty-five (25) tons per year from these booths shall cause the booths to become subject to 326 IAC 8-1-6 and shall require prior approval from the Office of Air Quality.

Compliance Determination Requirements

D.5.3 Testing Requirements [326 IAC 2-7-6(1),(6)]

The Permittee is not required to test this facility by this permit. However, IDEM may require compliance testing when necessary to determine if the facility is in compliance. If testing is required by IDEM, compliance shall be determined by a performance test conducted in accordance with Section C - Performance Testing.

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

D.5.4 Record Keeping Requirements

There are no specific record keeping requirements for this facility.

D.5.5 Reporting Requirements

There are no specific reporting requirements for this facility.

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

**PART 70 OPERATING PERMIT
CERTIFICATION**

Source Name: Janco Products, Inc.
Source Address: 920 South Logan Street, Mishawaka, Indiana 46544
Mailing Address: 920 South Logan Street, Mishawaka, Indiana 46544
Part 70 Permit No.: T 141-7550-00129

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

Please check what document is being certified:

- 9** Annual Compliance Certification Letter
- 9** Test Result (specify) _____
- 9** Report (specify) _____
- 9** Notification (specify) _____
- 9** Other (specify) _____

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

Signature:

Printed Name:

Title/Position:

Date:

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

PART 70 OPERATING PERMIT
EMERGENCY/DEVIATION OCCURRENCE REPORT

Source Name: Janco Products, Inc.
Source Address: 920 South Logan Street, Mishawaka, Indiana 46544
Mailing Address: 920 South Logan Street, Mishawaka, Indiana 46544
Part 70 Permit No.: T 141-7550-00129

This form consists of 2 pages

Page 1 of 2

Check either No. 1 or No.2	
9	1. This is an emergency as defined in 326 IAC 2-7-1(12) c The Permittee must notify the Office of Air 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) days (Facsimile Number: 317-233-5967), and follow the other requirements of 326 IAC 2-7-16
9	2. This is a deviation, reportable per 326 IAC 2-7-5(3)(C) c The Permittee must submit notice in writing within ten (10) calendar days

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

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

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

Page 2 of 2

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

Form Completed by: _____

Title / Position: _____

Date: _____

Phone: _____

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

Part 70 Quarterly Report

Source Name: Janco Products, Inc.
Source Address: 920 South Logan Street, Mishawaka, Indiana 46544
Mailing Address: 920 South Logan Street, Mishawaka, Indiana 46544
Part 70 Permit No.: T 141-7550-00129
Facility: Five (5) paint booths (Janco booth 1, Janco booth 2, Janco booth 3 and Janco Auto booth 5)
Parameter: VOC delivered to the applicators
Limit: 3.4 tons per month, total

YEAR: _____

Month 1	Month 2	Month 3

9 No deviation occurred in this month.

9 Deviation/s occurred in this month.

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 Quarterly Report

Source Name: Janco Products, Inc.
Source Address: 920 South Logan Street, Mishawaka, Indiana 46544
Mailing Address: 920 South Logan Street, Mishawaka, Indiana 46544
Part 70 Permit No.: T 141-7550-00129
Facility: One (1) paint booth (Janco Auto booth 5)
Parameter: Individual HAP usage
Limit: Less than ten (10) tons per twelve (12) consecutive months

YEAR: _____

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

9 No deviation occurred in this month.

9 Deviation/s occurred in this month.

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 Quarterly Report

Source Name: Janco Products, Inc.
Source Address: 920 South Logan Street, Mishawaka, Indiana 46544
Mailing Address: 920 South Logan Street, Mishawaka, Indiana 46544
Part 70 Permit No.: T 141-7550-00129
Facility: One (1) paint booth (Janco Auto booth 5)
Parameter: Total HAP usage
Limit: Less than twenty-five (25) tons per twelve (12) consecutive months

YEAR: _____

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

9 No deviation occurred in this month.

9 Deviation/s occurred in this month.

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 COMPLIANCE MONITORING REPORT**

Source Name: Janco Products, Inc.
Source Address: 920 South Logan Street, Mishawaka, Indiana 46544
Mailing Address: 920 South Logan Street, Mishawaka, Indiana 46544
Part 70 Permit No.: T 141-7550-00129

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

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

9 NO DEVIATIONS OCCURRED THIS REPORTING PERIOD.

9 THE FOLLOWING DEVIATIONS OCCURRED THIS REPORTING PERIOD.

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

Form Completed By: _____

Title/Position: _____

Date: _____

Phone: _____

Attach a signed certification to complete this report.

Indiana Department of Environmental Management Office of Air Quality

Technical Support Document (TSD) for an Administrative Amendment

Source Background and Description

Source Name:	Janco Products, Inc.
Source Location:	920 South Logan Street, Mishawaka, IN 46544-4828
County:	St Joseph
SIC Code:	3089
Operation Permit No.:	141-7550-00129
Operation Permit Issuance Date:	February 1, 2000
Revision No.:	141-15229-00129
Permit Reviewer:	Allen R. Davidson

On November 30, 2001, the Office of Air Quality (OAQ) received an application from Janco Products, Inc. relating to the construction and operation of the following equipment:

History

Janco Products, Inc. was issued a Part 70 permit for a fiberglass tube manufacturing plant on February 1, 2000. The emission source has since received a minor permit modification on August 25, 2000 and an administrative amendment on January 29, 2001. This application is the fourth revision to the Part 70 permit.

Enforcement Issues

There are no enforcement actions pending against this emission source.

Recommendation

The staff recommends to the Commissioner that the revision be approved as an administrative amendment. This recommendation is based on the following facts and conditions:

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

An application for the purposes of this review was received on November 30, 2001.

Emission Calculations

See Appendix A of this document for detailed emissions calculations. (3 pages)

Potential To Emit

Pursuant to 326 IAC 2-1.1-1(16), Potential to Emit is defined as "the maximum capacity of a stationary source to emit any air pollutant under its physical and operational design. Any physical or operational limitation on the capacity of a source to emit an air pollutant, including air pollution control equipment and restrictions on hours of operation or type or amount of material combusted, stored, or processed shall be treated as part of its design if the limitation is enforceable by the U. S. EPA."

The following table reflects the existing source potential to emit. Control equipment is not considered federally enforceable until it has been required in a federally enforceable permit:

Pollutant	Potential To Emit (tons/year)
PM	greater than 100
PM-10	greater than 100
SO ₂	less than 100
VOC	greater than 250
CO	less than 100
NOX	less than 100

HAP's	Potential To Emit (tons/year)
Single	greater than 10
Total	greater than 25

The potential to emit (as defined in 326 IAC 2-1.1-1(16)) volatile organic compounds (VOC) and particulate matter (PM) are greater than 100 tons per year. Also, the potential to emit a single hazardous air pollutant (HAP) is equal to or greater than ten (10) tons per year and the potential to emit a combination of HAP is greater than or equal to twenty-five (25) tons per year. Therefore, the source is subject to the provisions of 326 IAC 2-7.

This existing source is a major source for Prevention of Significant Deterioration, 326 IAC 2-2. An attainment regulated pollutant has the potential to emit at a rate of 250 tons per year or more.

The revision's potential to emit is follows:

Pollutant	Potential To Emit (tons/year)	PSD Significant Level (tons/yr)
PM	1.9	25
PM-10	1.9	15
SO ₂	0	40
VOC	6.4	40
CO	0.3	100
NOX	0.4	40

HAP	Potential To Emit (tons/year)	PSD Significant Level (tons/yr)
Toluene	0.5	n/a
Methyl Ethyl Ketone	0.4	n/a
Methyl Isobutyl Ketone	1.4	n/a
Hexamethylene-1,6 diisocyanate	0.2	n/a
Xylene	1.8	n/a
TOTAL	4.3	n/a

This revision does not require a source modification pursuant to 326 IAC 2-7-10.5 (Source Modification) because:

- (a) The potential to emit PM and PM-10 are both less than five tons per year,
- (b) The potential to emit VOC is less than 10 tons per year,
- (c) The potential to emit each individual HAP is less than 10 tons per year, and

- (d) The potential to emit any combination of HAPs is less than 25 tons per year.

The Part 70 operating permit is being revised pursuant to 326 IAC 2-7-11(a)(8), which states, "An administrative permit amendment is a Part 70 permit revision that revises descriptive information where the revision will not trigger a new applicable requirement or violate a permit term." Since the only rule applicable to the additional facilities is 326 IAC 6-1-2, Nonattainment Area Particulate Limitations, which is applicable to all facilities at this source, there are no new applicable rules as a result of this revision.

This revision is not a major modification for Prevention of Significant Deterioration (PSD), 326 IAC 2-2 because the increase in potential to emit every attainment pollutant is less than the PSD significant levels. Therefore, pursuant to 326 IAC 2-2, and 40 CFR 52.21, the PSD requirements do not apply.

County Attainment Status

The source is located in St Joseph County.

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

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

St Joseph County has also been classified as attainment or unclassifiable for all other pollutants. Therefore, emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2 and 40 CFR 52.21.

Federal Rule Applicability

There are no New Source Performance Standards (NSPS)(326 IAC 12 and 40 CFR Part 60) applicable to this source.

There are no National Emission Standards for Hazardous Air Pollutants (NESHAP)(326 IAC 14 and 40 CFR Part 63) applicable to this source.

State Rule Applicability - Entire Source

326 IAC 2-6 (Emission Reporting)

This source is subject to 326 IAC 2-6 (Emission Reporting), because it has the potential to emit more than one hundred (100) tons per year of pollutants specified in the rule. Pursuant to this rule, the source must annually submit an emission statement for the source. The annual statement must contain the minimum requirement as specified in 326 IAC 2-6-4. The submittal should cover the period defined in 326 IAC 2-6-2(8)(Emission Statement Operating Year).

326 IAC 5-1 (Visible Emissions Limitations)

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

- (a) Opacity shall not exceed an average of thirty percent (30%) 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.

State Rule Applicability - Paint Booths B-6 through B-8

326 IAC 6-1-2 (Nonattainment Area Limitations)

This facility is subject to 326 IAC 6-1-2(a). Pursuant to 326 IAC 6-1-2(a) (Nonattainment Area Limitations), particulate matter (PM) emissions shall not exceed 0.03 grains per dry standard cubic foot. At an air flow rate of 1,400 actual cubic feet per minute, this limit is equivalent to 0.360 pounds per hour for each booth. The dry filters shall be in operation at all times when the booth that it controls is in operation, in order to comply with this limit.

326 IAC 8-1-6 (General VOC Reduction Requirements)

These emission units are not subject to 326 IAC 8-1-6 (General Reduction Requirements) because the potential to emit volatile organic compounds is less than twenty-five (25) tons per year. Therefore, the BACT (best available control technology) requirements do not apply.

State Rule Applicability - Curing Ovens

There are no state rules applicable to these facilities.

State Rule Applicability - Plant Wide Epoxy Application Operations

Although epichlorohydrin is recognized as a hazardous air pollutant, it is not a volatile organic compound. Epichlorohydrin emissions can only result when epoxy becomes airborne. Spray epoxy operations are already included in the Part 70 permit. Since the operations to be added are winding operations and wiping operations, there are negligible VOC and HAP emissions associated with the added epoxy operations.

326 IAC 8-1-6 (General VOC Reduction Requirements)

These operations are not subject to 326 IAC 8-1-6 (General Reduction Requirements) because the potential to emit volatile organic compounds is less than twenty-five (25) tons per year. Therefore, the BACT (best available control technology) requirements do not apply.

Conclusion

The construction and operation of these facilities shall be subject to the conditions of the attached Administrative Amendment, No 141-15229-00129.

Appendix A: Emissions Calculations
VOC and Particulate
From Surface Coating Operations

Company Name: Janco Products, Inc.
Address City IN Zip: 920 South Logan Street, Mishawaka, IN 46544
ID: 141-15229-00129
Reviewer: Allen R. Davidson
Date: 01/15/02

Material	Density (Lb/Gal)	Weight % Volatile (H2O & Organics)	Weight % Water	Weight % Organics	Volume % Water	Volume % Non-Volatiles (solids)	Gal of Mat. (gal/unit)	Maximum (unit/hour)	Pounds VOC per gallon of coating less water	Pounds VOC per gallon of coating	Potential VOC pounds per hour	Potential VOC pounds per day	Potential VOC tons per year	Particulate Potential (ton/yr)	lb VOC/gal solids	Transfer Efficiency
Booth 6																
F63HX SW Paint Mix	8.77	38.70%	0.0%	38.7%	0.0%	52.40%	0.00094	100	3.39	3.39	0.32	7.64	1.39	0.55	6.48	75%
13E1 Grey Epoxy Mix	9.78	38.60%	0.0%	38.6%	0.0%	57.50%	0.00094	100	3.78	3.78	0.35	8.50	1.55	0.62	6.57	75%
81C9 Gloss Varnish	7.50	53.00%	0.0%	53.0%	0.0%	47.00%	0.00094	100	3.98	3.98	0.37	8.95	1.63	0.36	8.46	75%
13R1 Tile Red Epoxy Mix	8.71	42.20%	0.0%	42.2%	0.0%	55.00%	0.00094	100	3.68	3.68	0.34	8.27	1.51	0.52	6.68	75%
Devthane 4708 Light Base Mix	9.17	50.40%	0.0%	50.4%	0.0%	40.00%	0.00094	100	4.62	4.62	0.43	10.40	1.90	0.47	11.55	75%
Booth 7																
F63HX SW Paint Mix	8.77	38.70%	0.0%	38.7%	0.0%	52.40%	0.00094	100	3.39	3.39	0.32	7.64	1.39	0.55	6.48	75%
13E1 Grey Epoxy Mix	9.78	38.60%	0.0%	38.6%	0.0%	57.50%	0.00094	100	3.78	3.78	0.35	8.50	1.55	0.62	6.57	75%
81C9 Gloss Varnish	7.50	53.00%	0.0%	53.0%	0.0%	47.00%	0.00094	100	3.98	3.98	0.37	8.95	1.63	0.36	8.46	75%
13R1 Tile Red Epoxy Mix	8.71	42.20%	0.0%	42.2%	0.0%	55.00%	0.00094	100	3.68	3.68	0.34	8.27	1.51	0.52	6.68	75%
Devthane 4708 Light Base Mix	9.17	50.40%	0.0%	50.4%	0.0%	40.00%	0.00094	100	4.62	4.62	0.43	10.40	1.90	0.47	11.55	75%
Booth 8																
F63HX SW Paint Mix	8.77	38.70%	0.0%	38.7%	0.0%	52.40%	0.00094	100	3.39	3.39	0.32	7.64	1.39	0.55	6.48	75%
13E1 Grey Epoxy Mix	9.78	38.60%	0.0%	38.6%	0.0%	57.50%	0.00094	100	3.78	3.78	0.35	8.50	1.55	0.62	6.57	75%
81C9 Gloss Varnish	7.50	53.00%	0.0%	53.0%	0.0%	47.00%	0.00094	100	3.98	3.98	0.37	8.95	1.63	0.36	8.46	75%
13R1 Tile Red Epoxy Mix	8.71	42.20%	0.0%	42.2%	0.0%	55.00%	0.00094	100	3.68	3.68	0.34	8.27	1.51	0.52	6.68	75%
Devthane 4708 Light Base Mix	9.17	50.40%	0.0%	50.4%	0.0%	40.00%	0.00094	100	4.62	4.62	0.43	10.40	1.90	0.47	11.55	75%
Plantwide Epoxy Use																
Shell Epon 826 Epoxy	9.75	0.2000%	0.0%	0.200%	0.0%	99.800%	0.01171	60	0.02	0.02	0.01	0.33	0.06	0.00	0.02	100%
Dow 438 Resin Epoxy	10.16	0.0030%	0.0%	0.003%	0.0%	99.997%	0.00413	60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100%
Shell Epon Resin 828 Epoxy	9.75	0.1570%	0.0%	0.157%	0.0%	99.800%	0.13167	60	0.02	0.02	0.12	2.90	0.53	0.00	0.02	100%
Aralldite GY 6005 Epoxy	9.80	0.2000%	0.0%	0.200%	0.0%	99.800%	0.01165	60	0.02	0.02	0.01	0.33	0.06	0.00	0.02	100%
Aralldite CY 179 MA Epoxy	9.75	0.2000%	0.0%	0.200%	0.0%	99.800%	0.01171	60	0.02	0.02	0.01	0.33	0.06	0.00	0.02	100%
Epic R3505 Epoxy	9.66	0.1000%	0.0%	0.100%	0.0%	99.900%	0.01182	60	0.01	0.01	0.01	0.16	0.03	0.00	0.01	100%

State Potential Emissions

Add worst case coatings to all epoxy use

1.47

35.27

6.44

1.85

METHODOLOGY

Pounds of VOC per Gallon Coating less Water = (Density (lb/gal) * Weight % Organics) / (1-Volume % water)

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

Potential VOC Pounds per Hour = Pounds of VOC per Gallon coating (lb/gal) * Gal of Material (gal/unit) * Maximum (units/hr)

Potential VOC Pounds per Day = Pounds of VOC per Gallon coating (lb/gal) * Gal of Material (gal/unit) * Maximum (units/hr) * (24 hr/day)

Potential VOC Tons per Year = Pounds of VOC per Gallon coating (lb/gal) * Gal of Material (gal/unit) * Maximum (units/hr) * (8760 hr/yr) * (1 ton/2000 lbs)

Particulate Potential Tons per Year = (units/hour) * (gal/unit) * (lbs/gal) * (1- Weight % Volatiles) * (1-Transfer efficiency) *(8760 hrs/yr) *(1 ton/2000 lbs)

Pounds VOC per Gallon of Solids = (Density (lbs/gal) * Weight % organics) / (Volume % solids)

Total = Worst Coating + Sum of all solvents used

Appendix A: Emission Calculations
HAP Emission Calculations

Page 2 TSD Appendix A

Company Name: Janco Products, Inc.
Address City IN Zip: 920 South Logan Street, Mishawaka, IN 46544
ID: 141-15229-00129
Reviewer: Allen R. Davidson
Date: 01/15/02

Material	Density (Lb/Gal)	Gallons of Material (gal/unit)	Maximum (unit/hour)	Weight % HAP#1	Weight % HAP#2	Weight % HAP#3	Weight % HAP#4	Weight % HAP#5	Weight % HAP#6	Weight % HAP#7	Emissions HAP#1 (ton/yr)	Emissions HAP#2 (ton/yr)	Emissions HAP#3 (ton/yr)	Emissions HAP#4 (ton/yr)	Emissions HAP#5 (ton/yr)	Emissions HAP#6 (ton/yr)	Emissions HAP#7 (ton/yr)
F63HX SW Paint Mix	8.77	0.00094	*****	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13E1 Grey Epoxy Mix	9.78	0.00094	*****	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
81C9 Gloss Varnish	7.50	0.00094	*****	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13R1 Tile Red Epoxy Mix	8.71	0.00094	*****	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Devthane 4708 Light Base Mi	9.17	0.00094	*****	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Booth 7																	
F63HX SW Paint Mix	8.77	0.00094	*****	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13E1 Grey Epoxy Mix	9.78	0.00094	*****	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
81C9 Gloss Varnish	7.50	0.00094	*****	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13R1 Tile Red Epoxy Mix	8.71	0.00094	*****	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Devthane 4708 Light Base Mi	9.17	0.00094	*****	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Booth 8																	
F63HX SW Paint Mix	8.77	0.00094	*****	6.00%	12.00%	15.00%	0.00%	0.00%	0.00%	0.00%	0.22	0.43	0.54	0.00	0.00	0.00	0.00
13E1 Grey Epoxy Mix	9.78	0.00094	*****	3.00%	0.00%	9.00%	0.00%	0.00%	0.00%	5.00%	0.12	0.00	0.36	0.00	0.00	0.00	0.20
81C9 Gloss Varnish	7.50	0.00094	*****	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13R1 Tile Red Epoxy Mix	8.71	0.00094	*****	4.00%	0.00%	13.00%	0.00%	0.00%	0.00%	2.00%	0.14	0.00	0.47	0.00	0.00	0.00	0.07
Devthane 4708 Light Base Mi	9.17	0.00094	*****	0.00%	0.00%	0.00%	5.00%	0.00%	0.10%	40.00%	0.00	0.00	0.00	0.19	0.00	0.00	1.51
Plantwide Epoxy Use																	
Shell Epon 826 Epoxy	9.75	0.01171	60.00000	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dow 438 Resin Epoxy	10.16	0.00413	60.00000	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Shell Epon Resin 828 Epoxy	9.75	0.13167	60.00000	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Araldite GY 6005 Epoxy	9.80	0.01165	60.00000	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Araldite CY 179 MA Epoxy	9.75	0.01171	60.00000	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Epic R3505 Epoxy	9.66	0.01182	60.00000	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Total State Potential Emissions 0.48 0.43 1.37 0.19 0.00 0.00 1.78

METHODOLOGY

4.25

HAPS emission rate (tons/yr) = Density (lb/gal) * Gal of Material (gal/unit) * Maximum (unit/hr) * Weight % HAP * 8760 hrs/yr * 1 ton/2000 lbs

LEGEND

HAP#1 = Toluene
HAP#2 = Methyl Ethyl Ketone
HAP#3 = Methyl Isobutyl Ketone
HAP#4 = Hexamethylene-1,6 diisocyanate
HAP#5 = Epichlorohydrin
HAP#6 = Benzene
HAP#7 = Xylene

The following calculations determine the emission limit under 326 IAC 6-1-2:

Grain loading: 0.03 gr/dscf
Air flow rate: 1400 acf/min

0.03 grain *	1400 acf *	528 deg. R	* (100 -	0) % moisture	60 min *	1 lb *	1 ton =	0.36 ton/yr
dscf	min *	(460 +	70) deg. R *	100 % moisture *	year	7000 grain	1 lb	

Appendix A: Emissions Calculations
Natural Gas Combustion Only
MM BTU/HR <100

Company Name: Janco Products, Inc.
Address City IN Zip: 920 South Logan Street, Mishawaka, IN 46544
ID: 141-15229-00129
Reviewer: Allen R. Davidson
Date: 01/15/02

Heat Input Capacity
MMBtu/hr

Potential Throughput
MMCF/yr

0.810

7.1

	Pollutant					
	PM*	PM10*	SO2	NOx	VOC	CO
Emission Factor in lb/MMCF	1.9	7.6	0.6	100.0 **see below	5.5	84.0
Potential Emission in tons/yr	0.0	0.0	0.0	0.4	0.0	0.3

*PM emission factor is filterable PM only. PM10 emission factor is condensable and filterable PM10 combined.

**Emission Factors for NOx: Uncontrolled = 100, Low NOx Burner = 50, Low NOx Burners/Flue gas recirculation = 32

HAPs - Organics

	Benzene	Dichlorobenzene	Formaldehyde	Hexane	Toluene
Emission Factor in lb/MMcf	2.1E-03	1.2E-03	7.5E-02	1.8E+00	3.4E-03
Potential Emission in tons/yr	7.450E-06	4.257E-06	2.661E-04	6.386E-03	1.206E-05

HAPs - Metals

	Lead	Cadmium	Chromium	Manganese	Nickel
Emission Factor in lb/MMcf	5.0E-04	1.1E-03	1.4E-03	3.8E-04	2.1E-03
Potential Emission in tons/yr	1.774E-06	3.903E-06	4.967E-06	1.348E-06	7.450E-06

The five highest organic and metal HAPs emission factors are provided above.

Additional HAPs emission factors are available in AP-42, Chapter 1.4.

Methodology

All emission factors are based on normal firing.

MMBtu = 1,000,000 Btu

MMCF = 1,000,000 Cubic Feet of Gas

Potential Throughput (MMCF) = Heat Input Capacity (MMBtu/hr) x 8,760 hrs/yr x 1 MMCF/1,000 MMBtu

Emission Factors are from AP 42, Chapter 1.4, Tables 1.4-1, 1.4-2, 1.4-3, SCC #1-02-006-02, 1-01-006-02, 1-03-006-02, and 1-03-006-03 (SUPPLEMENT D 3/98).

Emission (tons/yr) = Throughput (MMCF/yr) x Emission Factor (lb/MMCF)/2,000 lb/ton

Note: Check the applicable rules and test methods for PM and PM10 when using the above emission factor: confirm that the correct factor is used (i.e., condensable included/not included).