STATE OF IDAHO
DEPARTMENT OF
ENVIRONMENTAL QUALITY

1410 North Hilton • Boise, Idaho 83706 • (208) 373-0502

C.L. "Butch" Otter, Governor
Curt Fransen, Director

January 28, 2013

Judy Toholsky, Senior Human Resource Manager
Woodgrain Millworks, Inc.
300 NW 16th
Fruitland, ID 83609

RE: Facility ID No. 075-00001, Woodgrain Millwork Inc., Fruitland
Final Tier I Operating Permit Letter

Dear Ms. Toholsky:

The Department of Environmental Quality (DEQ) is issuing Tier I Operating Permit No. T1-2012.0011 Project No. 61008 to Woodgrain Millwork Inc. located at Fruitland in accordance with IDAPA 58.01.01.300 through 386, Rules for the Control of Air Pollution in Idaho (Rules).

The enclosed permit is effective immediately, summarizes the applicable requirements for your facility, and requires an annual compliance certification for all emissions units. This permit replaces Tier I Operating Permit No. T1-060054, issued on July 6, 2007. The enclosed operating permit is based on the information contained in your permit application received on March 5, 2012; and additional information received on May 18, 2012, and June 1, 2012. Modifications to and/or renewal of this operating permit shall be requested in a timely manner in accordance with the Rules.

In order to fully understand the compliance requirements of this permit, DEQ highly recommends that you schedule a meeting with JR Fuentes, Air Quality Compliance Officer, at 208-373-0550 to review and discuss the terms and conditions of this permit. Should you choose to schedule this meeting, DEQ recommends the following representatives attend the meeting: your facility's plant manager, responsible official, environmental contact, and any other staff responsible for day-to-day compliance with permit conditions.

Pursuant to IDAPA 58.01.23, you, as well as any other entity, may have the right to appeal this final agency action within 35 days of the date of this decision. However, prior to filing a petition for a contested case, I encourage you to call Harbi Elshafei at 208 373-0502 or harbi.elshafei@deq.idaho.gov to address any questions or concerns you may have with the enclosed permit.

Sincerely,

Mike Simon
Stationary Source Program Manager
Air Quality Division

MS/HE Permit No. T1-2012.0011 PROJ 61008

Enclosure

Printed on Recycled Paper

Air Quality

TIER I OPERATING PERMIT

Permittee	**Woodgrain Millwork Inc, Fruitland**
Permit Number	**T1-2012.0011**
Project ID	**61008**
Facility ID	**075-00001**
Facility Location	**300 NW 16th** **Fruitland, ID 83609**

Permit Authority

This permit (a) is issued according to the Rules for the Control of Air Pollution in Idaho (Rules), IDAPA 58.01.01.300-386; (b) incorporates all applicable terms and conditions of prior air quality permits issued by the Department of Environmental Quality (DEQ) for the permitted source, unless the permittee emits toxic pollutants subject to state only requirements pursuant to IDAPA 58.01.01.210, and the permittee elects not to incorporate those terms and conditions into this operating permit.

The permittee shall comply with the terms and conditions of this permit. The effective date of this permit is the date of signature by DEQ on the cover page.

Date Issued	**January 28, 2013**
Date Expires	**January 28, 2018**

Harbi A. Elshafei

Harbi Elshafei, Permit Writer

Mike Simon, Stationary Source Manager

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1. Acronyms, Units and Chemical Nomenclature

acfm	actual cubic feet per minute
ASTM	American Society for Testing and Materials
Btu	British thermal unit
CAA	Clean Air Act
CAM	Compliance Assurance Monitoring
CEMS	continuous emission monitoring systems
cfm	cubic feet per minute
CFR	Code of Federal Regulations
CI	compression ignition
CO	carbon monoxide
CO_2	carbon dioxide
CO_2e	CO_2 equivalent emissions
DEQ	Department of Environmental Quality
dscf	dry standard cubic feet
EPA	U.S. Environmental Protection Agency
gr	grains (1 lb = 7,000 grains)
HAP	hazardous air pollutants
hp	horsepower
ICE	internal combustion engines
IDAPA	a numbering designation for all administrative rules in Idaho promulgated in accordance with the Idaho Administrative Procedures Act
lb/hr	pounds per hour
MACT	Maximum Achievable Control Technology
mg/dscm	milligrams per dry standard cubic meter
MMBtu	million British thermal units
MRRR	Monitoring, Recordkeeping and Reporting Requirements
NESHAP	National Emission Standards for Hazardous Air Pollutants
NO_2	nitrogen dioxide
NO_x	nitrogen oxides
NSPS	New Source Performance Standards
PM	particulate matter
$PM_{2.5}$	particulate matter with an aerodynamic diameter less than or equal to a nominal 2.5 micrometers
PM_{10}	particulate matter with an aerodynamic diameter less than or equal to a nominal 10 micrometers
ppm	parts per million
PTC	permit to construct
PTE	potential to emit
RICE	reciprocating internal combustion engines
Rules	*Rules for the Control of Air Pollution in Idaho*
scf	standard cubic feet
SIP	State Implementation Plan
SO_2	sulfur dioxide
SO_x	sulfur oxides
T/yr	tons per consecutive 12-calendar month period
T1	Tier I operating permit
ULSD	ultra-low sulfur diesel
VOC	volatile organic compound

2. Permit Scope

Purpose

2.1 This Tier I operating permit establishes facility wide requirements in accordance with the Idaho State Implementation Plan control strategy and the Rules.

2.2 This Tier I operating permit incorporates the following permit(s):

- Tier II Operating Permit No. T2-020024, issued July 6, 2007

2.3 This Tier I operating permit supersedes the following permit(s):

- Tier I Operating Permit No. T1-060054, issued July 6, 2007

Regulated Sources

2.4 Table 2.1 lists all sources of regulated emissions in this permit.

Table 2.1. Regulated Sources

Permit Section	Source	Control Equipment
3	Facility-Wide Conditions	None
4	Millwork Cyclone B	None
4	Millwork Cyclone C	None
4	Millwork Cyclone I	None
4	Millwork Baghouse G	None
4	Millwork Baghouse E	None
4	Millwork Cyclone J	None
4	Millwork Cyclone K	None
4	Millwork Baghouse L	None
4	Millwork/Optimizing Baghouse M	None
4	Millwork Baghouse N	None
4	Millwork Cyclone D	None
4	Decramold Cyclone H	None
5	Coating and Gluing	None
6	Printing	None
7	Emergency Generator Engine	None

3. Facility-Wide Conditions

3.1 Table 3.1 contains a summary of requirements that apply generally to emissions units at the facility.

Table 3.1 Applicable Requirements Summary

Permit Conditions	Parameter	Limit / Standard Summary	Applicable Requirements Reference	Monitoring, Recordkeeping, and Reporting Requirements
3.2–3.5	Fugitive Dust	Reasonable control	IDAPA 58.01.01.650–651	3.3–3.5, 3.24, 3.29
3.6–3.7	Odors	Reasonable control	IDAPA 58.01.01.775–776	3.7, 3.24
3.8–3.10	Visible Emissions	20% opacity for no more than 3 minutes in any 60-minute period	IDAPA 58.01.01.625	3.9–3.10, 3.24, 3.29
3.11–3.15	Excess Emissions	Compliance with IDAPA 58.01.01.130-136	IDAPA 58.01.01.130–136	3.11–3.15, 3.24, 3.29
3.16	PM	Natural gas only 0.015 gr/dscf at 3% O_2 Fuel oil only 0.05 gr/dscf at 3% O_2	IDAPA 58.01.01.676–677	3.24
3.17–3.18	Sulfur Content	ASTM grade No. 1 fuel oil ≤ 0.3% by weight ASTM grade No. 2 fuel oil ≤ 0.5% by weight	IDAPA 58.01.01.725	3.18, 3.24, 3.29
3.19	Open Burning	Compliance with IDAPA 58.01.01.600-623	IDAPA 58.01.01.600–623	3.19, 3.24, 3.29
3.20	Asbestos	Compliance with 40 CFR 61, Subpart M	40 CFR 61, Subpart M	3.20, 3.24, 3.29
3.21	Accidental Release Prevention	Compliance with 40 CFR 68	40 CFR 68	3.24, 3.29
3.22	Recycling and Emissions Reductions	Compliance with 40 CFR 82, Subpart F	40 CFR 82, Subpart F	3.22, 3.24, 3.29
Error! Reference source not found.	NESHAP General Provisions	Compliance with 40 CFR 63, Subpart A, Table 4 to Subpart QQQQ, Table 1 to Subpart KK; Table 8 to Subpart ZZZZ	IDAPA 58.01.01.107.03	3.23, 3.24, 3.29
3.24	Monitoring and Recordkeeping	Maintenance of required records	IDAPA 58.01.01.322.06	3.24, 3.29
3.25–3.28	Testing	Compliance testing	IDAPA 58.01.01.157	3.25–3.28, 3.24, 3.29
3.29	Reports and Certifications	Submittal of required reports, notifications, and certifications	IDAPA 58.01.01.322.08	3.29
3.30	Incorporation of Federal Requirements by Reference	Compliance with applicable federal requirements referenced	IDAPA 58.01.01.107	3.30

Fugitive Dust

3.2 All reasonable precautions shall be taken to prevent PM from becoming airborne in accordance with IDAPA 58.01.01.650-651.

[IDAPA 58.01.01.650-651, 3/30/07]

3.3 The permittee shall monitor and maintain records of the frequency and the method(s) used (i.e., water, chemical dust suppressants, etc.) to reasonably control fugitive emissions.

[IDAPA 58.01.01.322.06, 07, 5/1/94]

3.4 The permittee shall maintain records of all fugitive dust complaints received. The permittee shall take appropriate corrective action as expeditiously as practicable after receipt of a valid complaint. The records shall include, at a minimum, the date that each complaint was received and a description of the following: the complaint, the permittee's assessment of the validity of the complaint, any corrective action taken, and the date the corrective action was taken.

[IDAPA 58.01.01.322.06, 07, 5/1/94]

3.5 The permittee shall conduct a quarterly facility-wide inspection of potential sources of fugitive emissions, during daylight hours and under normal operating conditions to ensure that the methods used to reasonably control fugitive emissions are effective. If fugitive emissions are not being reasonably controlled, the permittee shall take corrective action as expeditiously as practicable. The permittee shall maintain records of the results of each fugitive emissions inspection. The records shall include, at a minimum, the date of each inspection and a description of the following: the permittee's assessment of the conditions existing at the time fugitive emissions were present (If observed), any corrective action taken in response to the fugitive emissions, and the date the corrective action was taken.

[IDAPA 58.01.01.322.06, 07, 5/1/94]

Odors

3.6 The permittee shall not allow, suffer, cause, or permit the emission of odorous gases, liquids, or solids to the atmosphere in such quantities as to cause air pollution.

[IDAPA 58.01.01.775-776 (state only), 5/1/94]

3.7 The permittee shall maintain records of all odor complaints received. If the complaint has merit, the permittee shall take appropriate corrective action as expeditiously as practicable. The records shall include, at a minimum, the date that each complaint was received and a description of the following: the complaint, the permittee's assessment of the validity of the complaint, any corrective action taken, and the date the corrective action was taken.

[IDAPA 58.01.01.322.06, 07 (state only), 5/1/94]

Visible Emissions

3.8 The permittee shall not discharge any air pollutant to the atmosphere from any point of emission for a period or periods aggregating more than three minutes in any 60-minute period which is greater than 20% opacity as determined by procedures contained in IDAPA 58.01.01.625. These provisions shall not apply when the presence of uncombined water, NO_x, and/or chlorine gas is the only reason for the failure of the emission to comply with the requirements of this section.

[IDAPA 58.01.01.625, 4/5/00]

3.9 The permittee shall conduct a quarterly facility-wide inspection of potential sources of visible emissions, during daylight hours and under normal operating conditions. Sources that are monitored using a continuous opacity monitoring system (COMS) are not required to comply with this permit condition. The inspection shall consist of a see/no see evaluation for each potential source of visible emissions. If any visible emissions are present from any point of emission, the permittee shall either:

a) take appropriate corrective action as expeditiously as practicable to eliminate the visible emissions. Within 24 hours of the initial see/no see evaluation and after the corrective action, the permittee shall conduct a see/no see evaluation of the emissions point in question. If the visible emissions are not eliminated, the permittee shall comply with b).

or

b) perform a Method 9 opacity test in accordance with the procedures outlined in IDAPA 58.01.01.625. A minimum of 30 observations shall be recorded when conducting the opacity test. If opacity is greater than 20%, as measured using Method 9, for a period or periods aggregating more than three minutes in any 60-minute period, the permittee shall take all necessary corrective actions and report the period or periods as an excess emission in the annual compliance certification and in accordance with IDAPA 58.01.01.130-136.

[IDAPA 58.01.01.322.06, 5/1/94]

3.10 The permittee shall maintain records of the results of each visible emission inspection and each opacity test when conducted. The records shall include, at a minimum, the date and results of each inspection and test and a description of the following: the permittee's assessment of the conditions existing at the time visible emissions are present (if observed), any corrective action taken in response to the visible emissions, and the date corrective action was taken.

[IDAPA 58.01.01.322.07, 5/1/94]

Excess Emissions

Excess Emissions - General

3.11 The permittee shall comply with the procedures and requirements of IDAPA 58.01.01.130-136 for excess emissions. The provisions of IDAPA 58.01.01.130-136 shall govern in the event of conflicts between the excess emissions facility wide conditions (Permit Conditions 3.11 through 3.15) and the regulations of IDAPA 58.01.01.130-136.

During an excess emissions event, the permittee shall, with all practicable speed, initiate and complete appropriate and reasonable action to correct the conditions causing the excess emissions event; to reduce the frequency of occurrence of such events; to minimize the amount by which the emission standard is exceeded; and shall, as provided below or upon request of DEQ, submit a full report of such occurrence, including a statement of all known causes, and of the scheduling and nature of the actions to be taken.

[IDAPA 58.01.01.132, 4/5/00]

Excess Emissions - Startup, Shutdown, Scheduled Maintenance

3.12 In all cases where startup, shutdown, or scheduled maintenance of any equipment or emission unit is expected to result or results in an excess emissions event, the permittee shall demonstrate compliance with IDAPA 58.01.01.133.01(a) through (d), including, but not limited to, the following:

- Prohibiting any scheduled startup, shutdown, or maintenance resulting in excess emissions shall occur during any period in which an Atmospheric Stagnation Advisory or a Wood Stove Curtailment Advisory has been declared by DEQ.
- Notifying DEQ of the excess emissions event as soon as reasonably possible, but no later than two hours prior to, the start of the event, unless the permittee demonstrates to DEQ's satisfaction that a shorter advance notice was necessary.
- Reporting and recording the information required pursuant to the excess emissions reporting and recordkeeping requirements (Permit Conditions 3.14 and 3.15) and IDAPA 58.01.01.135 and 136 for each excess emissions event due to startup, shutdown, or scheduled maintenance.

[IDAPA 58.01.01.133, 4/11/06]

Excess Emissions - Upset, Breakdown, or Safety Measures

3.13 In all cases where upset or breakdown of equipment or an emissions unit, or the initiation of safety measures, results or may result in an excess emissions event, the permittee shall demonstrate compliance with IDAPA 58.01.01.134.01(a) and (b) and the following:

- Immediately undertake all appropriate measures to reduce and, to the extent possible, eliminate excess emissions resulting from the event and to minimize the impact of such excess emissions on the ambient air quality and public health.
- Notify DEQ of any upset, breakdown, or safety event that results in excess emissions. Such notification shall identify the time, specific location, equipment or emissions unit involved, and (to the extent known) the cause(s) of the occurrence. The notification shall be given as soon as reasonably possible, but no later than 24 hours after the event, unless the permittee demonstrates to DEQ's satisfaction that the longer reporting period was necessary.

- Report and record the information required pursuant to the excess emissions reporting and recordkeeping facility wide conditions (Permit Conditions 3.14 and 3.15) and IDAPA 58.01.01.135 and 136 for each excess emissions event caused by an upset, breakdown, or safety measure.
- During any period of excess emissions caused by upset, breakdown, or operation under facility safety measures, DEQ may require the permittee to immediately reduce or cease operation of the equipment or emissions unit causing the period until such time as the condition causing the excess has been corrected or brought under control. Such action by DEQ shall be taken upon consideration of the factors listed in IDAPA 58.01.01.134.03 and after consultation with the permittee.

[IDAPA 58.01.01.134, 4/11/06]

Excess Emissions – Reporting and Recordkeeping

3.14 The permittee shall submit a written report to DEQ for each excess emissions event, no later than 15 days after the beginning of such an event. Each report shall contain the information specified in IDAPA 58.01.01.135.02.

[IDAPA 58.01.01.135, 4/11/06]

3.15 The permittee shall maintain excess emissions records at the facility for the most recent five calendar-year period. The excess emissions records shall be made available to DEQ upon request and shall include the information requested by IDAPA 58.01.01.136.03(a) and (b) as summarized in the following:

- An excess emissions log book for each emissions unit or piece of equipment containing copies of all reports that have been submitted to DEQ pursuant to IDAPA 58.01.01.135 for the particular emissions unit or equipment; and
- Copies of all startup, shutdown, and scheduled maintenance procedures and upset, breakdown, or safety preventative maintenance plans that have been developed by the permittee in accordance with IDAPA 58.01.01.133 and 134, and facility records as necessary to demonstrate compliance with such procedures and plans.

[IDAPA 58.01.01.136, 4/5/00]

Fuel-burning Equipment

3.16 The permittee shall not discharge to the atmosphere from any fuel-burning equipment PM in excess of 0.015 gr/dscf of effluent gas corrected to 3% oxygen by volume for gas, 0.050 gr/dscf of effluent gas corrected to 3% oxygen by volume for liquid.

[IDAPA 58.01.01.676-677, 5/1/94]

Sulfur Content

3.17 The permittee shall not sell, distribute, use, or make available for use any of the following:

- Distillate fuel oil containing more than the following percentages of sulfur:
  - ASTM Grade 1 fuel oil, 0.3% by weight.
  - ASTM Grade 2 fuel oil, 0.5% by weight.
- DEQ may approve an exemption from these fuel sulfur content requirements (IDAPA 58.01.01.725.01-725.04) if the permittee demonstrates that, through control measures or other means, SO_2 emissions are equal to or less than those resulting from the combustion of fuels complying with these limitations.

[IDAPA 58.01.01.725, 3/29/10]

3.18 The permittee shall maintain documentation of supplier verification of distillate fuel oil sulfur content on an as-received basis.

[IDAPA 58.01.01.322.07, 5/1/94]

Open Burning

3.19 The permittee shall comply with the *Rules for Control of Open Burning*, IDAPA 58.01.01.600-623.

[IDAPA 58.01.01.600-623, 5/08/09]

Asbestos

3.20 NESHAP 40 CFR 61, Subpart M - National Emission Standard for Asbestos

The permittee shall comply with all applicable portions of 40 CFR 61, Subpart M - Asbestos.

[40 CFR 61, Subpart M]

Accidental Release Prevention

3.21 A permittee of a stationary source that has more than a threshold quantity of a regulated substance in a process, as determined under 40 CFR 68.115, shall comply with the requirements of the Chemical Accident Prevention Provisions at 40 CFR 68 no later than the latest of the following dates:

- Three years after the date on which a regulated substance present above a threshold quantity is first listed under 40 CFR 68.130. •
- The date on which a regulated substance is first present above a threshold quantity in a process.

[40 CFR 68.10 (a)]

Recycling and Emissions Reductions

3.22 40 CFR Part 82 - Protection of Stratospheric Ozone

The permittee shall comply with applicable standards for recycling and emissions reduction of refrigerants and their substitutes pursuant to 40 CFR 82, Subpart F, Recycling and Emissions Reduction.

[40 CFR 82, Subpart F]

NESHAP General Provisions

3.23 NESHAP 40 CFR 63, Subpart A – General Provisions

The permittee shall comply with the requirements of 40 CFR 63, Subpart A – General Provisions to Table 4 to Subpart QQQQ; Table 1 to Subpart KK; and Table 8 to Subpart ZZZZ.

[40 CFR 63, Subpart A]

Monitoring and Recordkeeping

3.24 The permittee shall maintain sufficient records to assure compliance with all of the terms and conditions of this operating permit. Records of monitoring information shall include, but not be limited to, the following: (a) the date, place, and times of sampling or measurements; (b) the date analyses were performed; (c) the company or entity that performed the analyses; (d) the analytical techniques or methods used; (e) the results of such analyses; and (f) the operating conditions existing at the time of sampling or measurement. All monitoring records and support information shall be retained for a period of at least five years from the date of the monitoring sample, measurement, report, or application. Supporting information includes, but is not limited to, all calibration and maintenance records, all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. All records required to be maintained by this permit shall be made available in either hard copy or electronic format to DEQ representatives upon request.

[IDAPA 58.01.01.322.06, 07, 5/1/94]

Performance Testing

3.25 If performance testing is required, the permittee shall provide notice of intent to test to DEQ at least 15 days prior to the scheduled test or shorter time period as provided in a permit, order, consent decree, or by DEQ approval. DEQ may, at its option, have an observer present at any emissions tests conducted on a source. DEQ requests such testing not be performed on weekends or state holidays.

3.26 All testing shall be conducted in accordance with the procedures in IDAPA 58.01.01.157. Without prior DEQ approval, any alternative testing is conducted solely at the permittee's risk. If the permittee fails to obtain prior written approval by DEQ for any testing deviations, DEQ may determine that the testing does not satisfy the testing requirements. Therefore, prior to conducting any performance test, the permittee is encouraged to submit in writing to DEQ, at least 30 days in advance, the following for approval:

- The type of method to be used
- Any extenuating or unusual circumstances regarding the proposed test
- The proposed schedule for conducting and reporting the test

[IDAPA 58.01.01.157, 4/5/00; IDAPA 58.01.01.322.06, 08.a, 09, 5/1/94]

3.27 Unless a longer time is approved by DEQ, the permittee shall submit a compliance test report for the respective test to DEQ within 30 days, or up to 60 days upon request following the date in which a compliance test required by this permit is concluded. The compliance test report shall include all process operating data collected during the test period as well as the test results, raw test data, and associated documentation, including any approved test protocol.

3.28 The proposed test date(s), test date rescheduling notice(s), compliance test report, and all other correspondence shall be sent to the DEQ address specified in the reports and certifications facility wide condition (Permit Condition 3.29).

[IDAPA 58.01.01.157, 4/5/00; IDAPA 58.01.01.322.06, 08.a, 09, 5/1/94]

Reports and Certifications

3.29 All periodic reports and certifications required by this permit shall be submitted to DEQ within 30 days of the end of each specified reporting period. Excess emissions reports and notifications shall be submitted in accordance with IDAPA 58.01.01.130-136. Reports, certifications, and notifications shall be submitted to:

Air Quality Permit Compliance
Department of Environmental Quality
Boise Regional Office
1445 N. Orchard
Boise, ID 83706
Phone: (208) 373-0550
Fax: (208) 373-0287

The periodic compliance certification required in the general provisions (General Provision 15.22) shall also be submitted within 30 days of the end of the specified reporting period to:

EPA Region 10
Air Operating Permits, OAQ-107
1200 Sixth Ave.
Seattle, WA 98101

[IDAPA 58.01.01.322.08, 11, 4/5/00]

Incorporation of Federal Requirements by Reference

3.30 Unless expressly provided otherwise, any reference in this permit to any document identified in IDAPA 58.01.01.107.03 shall constitute the full incorporation into this permit of that document for the purposes of the reference, including any notes and appendices therein. Documents include, but are not limited to:

- National Emission Standards for Hazardous Air Pollutants for Source Categories (NESHAP), 40 CFR Part 63, Subpart QQQQ, Subpart KK, and Subpart **ZZZZ**.

For permit conditions referencing or cited in accordance with any document incorporated by reference (including permit conditions identified as NSPS or NESHAP), should there be any conflict between the requirements of the permit condition and the requirements of the document, the requirements of the document shall govern, including any amendments to that regulation.

[IDAPA 58.01.01.107, 4/7/11]

4. Wood Processing and Handling

Summary Description

The following is a narrative description of the wood processing and handling operations regulated in this Tier I operating permit. This description is for informational purposes only.

This emission unit consists of the wood processing and handling operations for the following manufacturing areas at the Fruitland facility: Prefinish (Coatings, Wrap) and Millwork (Optimization, Decramold, Animal Bedding, Bailing, Woodtreat, and Storage). Wood processing consists of cutting, moulding, shaping, and joining of wood. Wood processing also consists of wood treatment for fungicide, base coat application, painting, lamination, and hammer hog processing of scrap materials. Wood handling also consists of the transfer of sawdust and shavings by pneumatic conveyance and drop transfers for the following process areas: Prefinish and Millwork. Wood processing consists of cutting, joining of wood, moulding, and shaping.

4.1 Table 4.1 describes the Wood Processing and Handling Equipment.

Table 4.1 Wood Processing and Handling Equipment Description

Emissions Units / Processes	Control Devices	Emission Point
Millwork Cyclone B	Uncontrolled	Cyclone B Stack
Millwork Cyclone C	Uncontrolled	Cyclone C Stack
Millwork Cyclone I	Uncontrolled	Cyclone I Stack
Millwork Baghouse G	Uncontrolled	Baghouse G Stack
Millwork Baghouse E	Uncontrolled	Baghouse E Stack
Millwork Cyclone J	Uncontrolled	Cyclone J Stack
Millwork Cyclone K	Uncontrolled	Cyclone K Stack
Millwork Baghouse L	Uncontrolled	Baghouse L Stack
Millwork/Optimizing Baghouse M	Uncontrolled	Baghouse M Stack
Millwork Baghouse N	Uncontrolled	Baghouse N Stack
Millwork Cyclone D	Uncontrolled	Cyclone D Stack
Decramold Cyclone H	Uncontrolled	Cyclone H Stack

Emission Limits

4.2 Visible Emissions

The permittee shall comply with the visible emission requirements of Permit Conditions 3.8 and 3.9.

[PTC Condition]

Compliance Demonstration Requirements

4.3 General Compliance Requirements

At all times when operating the Prefinish and Millwork processes, the permittee shall operate the wood processing and handling equipment listed in Table 4.1 of Permit Condition 4.1.

[PTC Condition]

5. Coating and Gluing

Summary Description

The following is a narrative description of the coating and gluing operations regulated in this Tier I operating permit. This description is for informational purposes only.

This process consists of coating and gluing operations for the following manufacturing areas at the Fruitland facility: Prefinish and Millwork - Woodtreat. Coating and gluing consists of roll coating, fan coating, curtain coating, gluing, and wood treatment operations at the facility.

Volatile organic Compounds (VOC) emissions from the coating and gluing are uncontrolled. Hazardous air pollutants (HAP) emissions are controlled by limiting the HAP content of coatings, thinners, and cleaning materials used in the coating and gluing operation.

Emission Limits

5.1 HAP Emissions Limits

- Emissions of any single HAP from the entire facility shall be less than 10 tons per any consecutive 12-calendar month period.
- Emissions of any combination of HAPs from the entire facility shall be less than 25 tons per any consecutive 12-calendar month period.
- Emissions of acetaldehyde from the entire facility shall be less than 0.148 lbs/hr.
- Emissions of formaldehyde from the entire facility shall be less than 0.048 lbs/hr.

[PTC Condition]

5.2 VOC Emission Limits

Emissions of VOCs from the entire facility shall be less than 813.6 tons per year.

[PTC Condition]

Operating Requirements

5.3 Material Purchase Records

- The permittee shall maintain the purchase records of all manufacturing-related materials that contain HAPs including, but not limited to, adhesives, caulks, solvents, and paints.
- The permittee shall maintain the purchase records of all manufacturing-related materials that contain VOCs including, but not limited to, adhesives, caulks, solvents, and paints.

[PTC Condition]

5.4 Material Safety Data sheets

- The permittee shall maintain the MSDS' for the manufacturing-related materials that contain HAPs purchased pursuant to Permit Condition 5.3. The MSDS' shall remain on site at all times and shall be made available to DEQ representatives upon request.
- The permittee shall maintain the MSDS' for the manufacturing-related materials that contain VOCs purchased pursuant to Permit Condition 5.3. The MSDS' shall remain on site at all times and shall be made available to DEQ representatives upon request.

[PTC Condition]

Monitoring and Recordkeeping Requirements

5.5 Material Usage Records

- The permittee shall monitor and record monthly, the usage of each manufacturing-related material that contains HAPs. The usage records shall remain on site for the most recent five year period and shall be made available to DEQ representatives upon request.
- The permittee shall monitor and record monthly, the usage of each manufacturing-related material that contains VOCs. The usage records shall remain on site for the most recent five year period and shall be made available to DEQ representatives upon request.

[PTC Condition]

5.6 VOC Monitoring Requirements

The permittee shall monitor and record the monthly and annual VOC emissions from the process using the purchase records required by Permit Condition 5.3, the MSDS' required by Permit Condition 5.4, and the material usage records required by Permit Condition 5.5 to demonstrate compliance with Permit Condition 5.2. Annual VOC emissions shall be determined by summing monthly VOC emissions over the previous consecutive 12-month period. Records of this information shall be maintained on site for the most recent five year period and shall be made available to DEQ representatives upon request.

[PTC Condition]

5.7 HAP Monitoring Requirements

The permittee shall monitor and record the monthly and annual HAP emissions from the process using the purchase records required by Permit Condition 5.3, the MSDS' required by Permit Condition 5.4, and the material usage records required by Permit Condition 5.5 to demonstrate compliance with Permit Condition 5.1. Annual HAP emissions shall be determined by summing monthly HAP emissions over the previous consecutive 12-month period. Records of this information shall be maintained on site for the most recent five year period and shall be made available to DEQ representatives upon request.

[PTC Condition]

40 CFR 63 Subpart QQQQ – National Emission Standards for Hazardous Air Pollutants: Surface Coating of Wood Building Products

5.8 Process Description

The permittee shall comply with all applicable requirements of 40 CFR 63, Subpart QQQQ and all applicable general provisions of 40 CFR 63 Subpart A. Subpart QQQQ establishes national emission standards for hazardous air pollutants (NESHAP) for wood building products surface coating sources. This subpart also establishes requirements to demonstrate initial and continous compliance with emission limitations.

[40 CFR 63.4680]

5.9 Am I Subject to this Subpart?

The permittee shall comply with the applicable requirements of 40 CFR 63.4681(a) and (b) because the permittee owns and operates an existing affected source, that uses 1,100 gallons per year, or more, of coatings in a source category defined in paragraph (a) of this section and that is a major source.

[40 CFR 63.4681]

5.10 What Parts of my Plant Does this Subpart Cover?

The affected source which is applicable to this subpart is the collection of all of the items listed in paragraphs (b)(1) through (4) of Section 40 CFR 63.5682(b) that are used for surface coating of wood building products:

(1) All coating operations as defined in 40 CFR 63.4781;

(2) All storage containers and mixing vessels in which coatings, thinners, and cleaning materials are stored;

(3) All manual and automated equipment and containers used for conveying coatings, thinners, and cleaning materials; and

(4) All storage containers and all manual and automated equipment and containers.

[40 CFR 63.4782]

5.11 Compliance Date

In accordance with 40 CFR 63.4683(b), the affected source must comply with the compliance date as specified in paragraphs (a) through (c) of this section. The compliance date begins the initial compliance period during which the permittee conduct the initial compliance demonstration described in 40 CFR 63.4740, 40 CFR 63.4750, and 40 CFR 63.4760. For an existing affected source, the compliance date is the date 3 years after May 28, 2003.

The permittee must also meet the notification requirements in 40 CFR 63.4710 according to the dates specified in that section and in subpart A of this part.

In accordance with 40 CFR 63.4710, for an existing affected source, the permittee must submit the intial notification no later than 120 after May 28, 2003, and the notification of compliance status as described 40 CFR 63.4740 and 40 CFR 63.4750. The notification of compliance status must contain the information specified in paragraphs (c)(1) through (9) of this section and in 40 CFR 63.9(h).

[40 CFR 63.4683; 40 CFR 63.4710]

5.12 Emission Limitations [40 CFR 63, Subpart QQQQ]

In accordance with 40 CFR 63.4690, for an existing affected source the permittee must limit organic HAP emissions to the atmposhere to no more than 1.93 pounds HAP per gallon of solids, as specified in Table 2 to this subpart, determined as a rolling 12-month emission rate according to the requirements in 40 CFR 63.4741 and 40 CFR 63.4751. If the affected source applies coatings to products in more than one of the subcategories listed in Table 2, then the permittee must determine the applicable emission limit accordaing to 40 CFR.4690(c).

[40 CFR 63.4690]

5.13 Compliance Options

The permittee must include all coatings, thinners, and cleaning materials used in the affected source when determining whether the organic HAP emission rate is equal to or less than the applicable emission limit in 40 CFR 63.4690. To make this determination, the permittee must use at least one of the three compliance options listed in paragraphs (a) through (c) of this section. The permittee may apply any of the compliance options to an individual coating operation or to multiple coating operations as a group or to the entire affected source. The permittee may use different compliance options for different coating operations or at different times on the same coating operation. However, you may not use different compliance options at the same time on the same coating operation. If the permittee swithches between compliance options for any coating operation or group of coating operations, the permittee must document this switch as required by 40 CFR 63.4730(c), and the permittee must report it in the next semiannual compliance report required in 40 CFR 63.4720.

(a) *Compliant material option*. Demonstrate that the organic HAP content of each coating used in the coating operation(s) is less than or equal to the applicable emission limit(s) in §63.4690, and that each thinner and each cleaning material used contains no organic HAP. You must meet all the requirements of §§63.4740, 63.4741, and 63.4742 to demonstrate compliance with the emission limit using this option.

(b) *Emission rate without add-on controls option*. Demonstrate that, based on the coatings, thinners, and cleaning materials used in the coating operation(s), the organic HAP emission rate for the coating operation(s) is less than or equal to the applicable emission limit(s) in §63.4690, calculated as a

rolling 12-month emission rate and determined on a monthly basis. You must meet all the requirements of §§63.4750, 63.4751, and 63.4752 to demonstrate compliance with the emission limit using this option.

[40 CFR 63.4691]

5.14 What are my general requirements for complying with this subpart?

In accordance with 40 CFR 63.4700(a)(1), the permittee must be in compliance with the 1.93 lb HAP/gal emission rate limit in 40 CFR 63.4690 at all times.

[40 CFR 63.4700]

5.15 What parts of the General Provisions apply to the facility?

The permittee must comply with the applicable General Provisions requirements to Subpart QQQQ of Part 63, Table 4.

[40 CFR 63, Subpart QQQQ]

Reporting and Recordkeeping Requirements

5.16 What Reports must I Submit?

Semiannual compliance reports. In accordance with 40 CFR 63.4720, the permittee must submit semiannual compliance reports for each affected source according to the requirements of paragraphs (a)(1) through (7) of this section. The semi annual compliance reporting requirements may be satisfied by reports required under other parts of the Claen Air Act (CAA), as specified in paragraph (a)(2) of this section.

(1) *Dates.* Unless the Administrator has approved a different schedule for submission of reports under §63.10(a), you must prepare and submit each semiannual compliance report according to the dates specified in paragraphs (a)(1)(i) through (iv) of this section. Note that the information reported for each of the months in the reporting period will be based on the last 12 months of data prior to the date of each monthly calculation.

(i) The first semiannual compliance report must cover the first semiannual reporting period which begins the day after the end of the initial compliance period described in §63.4740, §63.4750, or §63.4760 that applies to your affected source and ends on June 30 or December 31, whichever occurs first following the end of the initial compliance period.

(ii) Each subsequent semiannual compliance report must cover the subsequent semiannual reporting period from January 1 through June 30 or the semiannual reporting period from July 1 through December 31.

(iii) Each semiannual compliance report must be postmarked or delivered no later than July 31 or January 31, whichever date is the first date following the end of the semiannual reporting period.

(iv) For each affected source that is subject to permitting regulations pursuant to 40 CFR part 70, and if the permitting authority has established dates for submitting semiannual reports pursuant to 40 CFR 70.6(a)(3)(iii)(A), you may submit the first and subsequent compliance reports according to the dates the permitting authority has established instead of according to the date specified in paragraph (a)(1)(iii) of this section.

(2) *Inclusion with title V report.* Each affected source that has obtained a title V operating permit pursuant to 40 CFR part 70 must report all deviations as defined in this subpart in the semiannual monitoring report required by 40 CFR 70.6(a)(3)(iii)(A). If an affected source submits a semiannual compliance

report pursuant to this section along with, or as part of, the semiannual monitoring report required by 40 CFR 70.6(a)(3)(iii)(A), and the semiannual compliance report includes all required information concerning deviations from any emission limitation in this subpart, its submission shall be deemed to satisfy any obligation to report the same deviations in the semiannual monitoring report. However, submission of a semiannual compliance report shall not otherwise affect any obligation the affected source may have to report deviations from permit requirements to the permitting authority.

(3) *General requirements.* The semiannual compliance report must contain the information specified in paragraphs (a)(3)(i) through (v) of this section, and the information specified in paragraphs (a)(4) through (7) and (c)(1) of this section that is applicable to your affected source.

(i) Company name and address.

(ii) Statement by a responsible official with that official's name, title, and signature, certifying the truth, accuracy, and completeness of the content of the report.

(iii) Date of report and beginning and ending dates of the reporting period. The reporting period is the 6-month period ending on June 30 or December 31. Note that the information reported for each of the 6 months in the reporting period will be based on the last 12 months of data prior to the date of each monthly calculation.

(iv) Identification of the compliance option or options specified in §63.4691 that you used on each coating operation during the reporting period. If you switched between compliance options during the reporting period, you must report the beginning and ending dates you used each option.

(v) If you used the emission rate without add-on controls compliance option (§63.4691(b), the calculation results for each rolling 12-month organic HAP emission rate during the 6-month reporting period.

(4) *No deviations.* If there were no deviations from the emission limitations in §§63.4690 and 63.4693 that apply to you, the semiannual compliance report must include a statement that there were no deviations from the emission limitations during the reporting period.

(5) *Deviations: compliant material option.* If you used the compliant material option, and there was a deviation from the applicable emission limit in §63.4690, the semiannual compliance report must contain the information in paragraphs (a)(5)(i) through (iv) of this section.

(i) Identification of each coating used that deviated from the emission limit, each thinner and cleaning material used that contained organic HAP, and the dates and time periods each was used.

(ii) The calculation of the organic HAP content (using Equation 2 of §63.4741) for each coating identified in paragraph (a)(5)(i) of this section. You do not need to submit background data supporting this calculation (*e.g.,* information provided by coating suppliers or manufacturers, or test reports).

(iii) The determination of mass fraction of organic HAP for each coating, thinner, and cleaning material identified in paragraph (a)(5)(i) of this section. You do not need to submit background data supporting this calculation (*e.g.,* information provided by material suppliers or manufacturers, or test reports).

(iv) A statement of the cause of each deviation.

(6) *Deviations: emission rate without add-on controls option.* If you used the emission rate without add-on controls option and there was a deviation from the applicable emission limit in §63.4690, the

semiannual compliance report must contain the information in paragraphs (a)(6)(i) through (iii) of this section.

(i) The beginning and ending dates of each compliance period during which the 12-month organic HAP emission rate exceeded the applicable emission limit in §63.4690.

(ii) The calculations used to determine the 12-month organic HAP emission rate for the compliance period in which the deviation occurred. You must provide the calculations for Equations 1, 1A through 1C, 2, and 3 in §63.4751; and if applicable, the calculation used to determine mass of organic HAP in waste materials according to §63.4751(e)(4). You do not need to submit background data supporting these calculations (*e.g.,* information provided by materials suppliers or manufacturers, or test reports).

(iii) A statement of the cause of each deviation.

[40 CFR 63.4720]

5.17 What records must I keep?

You must collect and keep records of the data and information specified in this section. Failure to collect and keep these records is a deviation from the applicable standard.

(a) A copy of each notification and report that you submitted to comply with this subpart, and the documentation supporting each notification and report.

(b) A current copy of information provided by materials suppliers or manufacturers, such as manufacturer's formulation data, or test data used to determine the mass fraction of organic HAP and density for each coating, thinner, and cleaning material and the volume fraction of coating solids for each coating. If you conducted testing to determine mass fraction of organic HAP, density, or volume fraction of coating solids, you must keep a copy of the complete test report. If you use information provided to you by the manufacturer or supplier of the material that was based on testing, you must keep the summary sheet of results provided to you by the manufacturer or supplier. You are not required to obtain the test report or other supporting documentation from the manufacturer or supplier.

(c) For each compliance period, the records specified in paragraphs (c)(1) through (3) of this section.

(1) A record of the coating operations at which you used each compliance option and the time periods beginning and ending dates and times) you used this option.

(2) For the compliant material option, a record of the calculation of the organic HAP content for each coating, using Equation 2 of §63.4741.

(3) For the emission rate without add-on controls option, a record of the calculation of the total mass of organic HAP emissions for the coatings, thinners, and cleaning materials used each month, using Equations 1, 1A through 1C, and 2 of §63.4751; and, if applicable, the calculation used to determine mass of organic HAP in waste materials according to §63.4751(e)(4); the calculation of the total volume of coating solids used each month, using Equation 2 of §63.4751; and the calculation of each 12-month organic HAP emission rate, using Equation 3 of §63.4751.

(d) A record of the name and volume of each coating, thinner, and cleaning material used during each compliance period.

(e) A record of the mass fraction of organic HAP for each coating, thinner, and cleaning material used during each compliance period.

(f) A record of the volume fraction of coating solids for each coating used during each compliance period.

(g) A record of the density for each coating used during each compliance period; and, if you use either the emission rate without add-on controls or the emission rate with add-on controls compliance option, the density for each thinner and cleaning material used during each compliance period.

(h) If you use an allowance in Equation 1 of §63.4751 for organic HAP contained in waste materials sent to or designated for shipment to a treatment, storage, and disposal facility (TSDF) according to §63.4751(e)(4), you must keep records of the information specified in paragraphs (h)(1) through (3) of this section.

(1) The name and address of each TSDF to which you sent waste materials for which you use an allowance in Equation 1 of §63.4751; a statement of which subparts under 40 CFR parts 262, 264, 265, and 266 apply to the facility; and the date of each shipment.

(2) Identification of the coating operations producing waste materials included in each shipment and the month or months in which you used the allowance for these materials in Equation 1 of §63.4751.

(3) The methodology used in accordance with §63.4751(e)(4) to determine the total amount of waste materials sent to or the amount collected, stored, and designated for transport to a TSDF each month; and the methodology to determine the mass of organic HAP contained in these waste materials. This must include the sources for all data used in the determination, methods used to generate the data, frequency of testing or monitoring, and supporting calculations and documentation, including the waste manifest for each shipment.

(i) [Reserved]

(j) You must keep records of the date, time, and duration of each deviation.

[40 CFR 63.4730]

5.18 In what form and for how long must I keep my records?

(a) Your records must be in a form suitable and readily available for expeditious review, according to §63.10(b)(1). Where appropriate, the records may be maintained as electronic spreadsheets or as a database.

(b) As specified in §63.10(b)(1), you must keep each record for 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record.

(c) You must keep each record on-site for at least 2 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record, according to §63.10(b)(1). You may keep the records off-site for the remaining 3 years.

[40 CFR 63.4731]

5.19 By what date must I conduct the initial compliance demonstration?

You must complete the initial compliance demonstration for the initial compliance period according to the requirements in §63.4741. The initial compliance period begins on the applicable compliance date specified in §63.4683 and ends on the last day of the 12th month following the compliance date. If the

compliance date occurs on any day other than the first day of a month, then the initial compliance period extends through the end of that month plus the next 12 months. The initial compliance demonstration includes the calculations according to §63.4741 and supporting documentation showing that during the initial compliance period, you used no coating with an organic HAP content that exceeded the applicable emission limit in §63.4690, and that you used no thinners or cleaning materials that contained organic HAP.

[40 CFR 63.4740]

5.20 How do I demonstrate initial compliance with emission limitations?

You may use the compliant material option for any individual coating operation, for any group of coating operations in the affected source, or for all the coating operations in the affected source. You must use either the emission rate without add-on controls option or the emission rate with add-on controls option for any coating operation in the affected source for which you do not use this option. To demonstrate initial compliance using the compliant material option, the coating operation or group of coating operations must use no coating with an organic HAP content that exceeds the applicable emission limit in §63.4690 and must use no thinner or cleaning material that contains organic HAP as determined according to this section. Any coating operation for which you use the compliant material option is not required to meet the operating limits or work practice standards required in §§63.4692 and 63.4693, respectively. To demonstrate initial compliance with the emission limitations using the compliant material option, you must meet all the requirements of this section for the coating operation or group of coating operations using this option. Use the procedures in this section on each coating, thinner, and cleaning material in the condition it is in when it is received from its manufacturer or supplier and prior to any alteration. You do not need to redetermine the mass of organic HAP in coatings, thinners, or cleaning materials that have been reclaimed onsite and reused in the coating operation(s) for which you use the compliant material option, provided these materials in their condition as received were demonstrated to comply with the compliant material option. If the mass fraction of organic HAP of a coating equals zero, determined according to paragraph (a) of this section, and you use the compliant material option, you are not required to comply with paragraphs (b) and (c) of this section for that coating.

(a) *Determine the mass fraction of organic HAP for each material used.* You must determine the mass fraction of organic HAP for each coating, thinner, and cleaning material used during the compliance period by using one of the options in paragraphs (a)(1) through (5) of this section.

(1) *Method 311 (appendix A to 40 CFR part 63).* You may use Method 311 for determining the mass fraction of organic HAP. Use the procedures specified in paragraphs (a)(1)(i) and (ii) of this section when performing a Method 311 test. If these values cannot be determined using Method 311, the owner or operator shall submit an alternative technique for determining their values for approval by the Administrator.

(i) Count each organic HAP that is measured to be present at 0.1 percent by mass or more for OSHA-defined carcinogens as specified in 29 CFR 1910.1200(d)(4), and at 1.0 percent by mass or more for other organic HAP compounds. For example, if toluene (not an OSHA carcinogen) is measured to be 0.5 percent of the material by mass, you do not have to count it. Express the mass fraction of each organic HAP you count as a value truncated to four places after the decimal point (*e.g.,* 0.379178412 truncates to 0.3791).

(ii) Calculate the total mass fraction of organic HAP in the test material by adding up the individual organic HAP mass fractions and truncating the result to three places after the decimal point (*e.g.,* 0.763).

(2) *Method 24 (appendix A to 40 CFR part 60).* For coatings, you may use Method 24 to determine the mass fraction of nonaqueous volatile matter and use that value as a substitute for mass fraction of organic

HAP. (Note: Method 24 is not appropriate for those coatings with a water content that would result in an effective detection limit greater than the applicable emission limit.)

(3) *Alternative method.* You may use an alternative test method for determining the mass fraction of organic HAP once the Administrator has approved it. You must follow the procedure in §63.7(f) to submit an alternative test method for approval.

(4) *Information from the supplier or manufacturer of the material.* You may rely on information other than that generated by the test methods specified in paragraphs (a)(1) through (3) of this section, such as manufacturer's formulation data, if it represents each organic HAP that is present at 0.1 percent by mass or more for OSHA-defined carcinogens as specified in 29 CFR 1910.1200(d)(4), and at 1.0 percent by mass or more for other organic HAP compounds. For example, if toluene (not an OSHA carcinogen) is 0.5 percent of the material by mass, you do not have to count it. If there is a disagreement between such information and results of a test conducted according to paragraphs (a)(1) through (3) of this section, then the test method results will take precedence unless, after consultation, a regulated source could demonstrate to the satisfaction of the enforcement agency that the formulation data were correct.

(5) *Solvent blends.* Solvent blends may be listed as single components for some materials in data provided by manufacturers or suppliers. Solvent blends may contain organic HAP which must be counted toward the total organic HAP mass fraction of the materials. When test data and manufacturer's data for solvent blends are not available, you may use the default values for the mass fraction of organic HAP in these solvent blends listed in Table 5 or Table 6 to this subpart. If you use the tables, you must use the values in Table 5 for all solvent blends that match Table 5 entries, and you may only use Table 6 if the solvent blends in the materials you use do not match any of the solvent blends in Table 5 and you only know whether the blend is aliphatic or aromatic. However, if the results of a Method 311 (40 CFR part 63, appendix A) test indicate higher values than those listed on Table 5 or Table 6 to this subpart, the Method 311 results will take precedence.

(b) *Determine the volume fraction of coating solids for each coating.* You must determine the volume fraction of coating solids (liters of coating solids per liter of coating) for each coating used during the compliance period by one of the methods specified in paragraph (b)(1), (2), or (3) of this section.

(1) *ASTM Method D2697–86 (Reapproved 1998) or D6093–97.* You may use ASTM Method D2697–86 (Reapproved 1998), "Standard Test Method for Volume Nonvolatile Matter in Clear or Pigmented Coatings' (incorporated by reference, see §63.14), or D6093–97, "Standard Test Method for Percent Volume Nonvolatile Matter in Clear or Pigmented Coatings Using a Helium Gas Pycnometer" (incorporated by reference, see §63.14), to determine the volume fraction of coating solids for each coating. Divide the nonvolatile volume percent obtained with the methods by 100 to calculate volume fraction of coating solids. If these values cannot be determined using these methods, the owner operator may submit an alternative technique for determining their values for approval by the Administrator.

(2) *Information from the supplier or manufacturer of the material.* You may obtain the volume fraction of coating solids for each coating from the supplier or manufacturer.

(3) *Calculation of volume fraction of coating solids.* If the volume fraction of coating solids cannot be determined using the options in paragraphs (b)(1) and (2) of this section, you must determine it using Equation 1 of this section:

$$V_s = 1 - \left(\frac{m_{volatiles}}{D_{avg}} \right) \qquad \text{(Eq. 1)}$$

Where:

V_s= Volume fraction of coating solids, liters coating solids per liter coating.

$m_{volatiles}$= Total volatile matter content of the coating, including HAP, volatile organic compounds (VOC), water, and exempt compounds, determined according to Method 24 in appendix A of 40 CFR part 60, grams volatile matter per liter coating.

D_{avg}= Average density of volatile matter in the coating, grams volatile matter per liter volatile matter, determined from test results using ASTM Method D1475–90 information from the supplier or manufacturer of the material, or reference sources providing density or specific gravity data for pure materials. If there is disagreement between ASTM Method D1475–90 test results and other information sources, the test results will take precedence.

(c) *Determine the density of each coating.* Determine the density of each coating used during the compliance period from test results using ASTM Method D1475–90 or information from the supplier or manufacturer of the material. If there is disagreement between ASTM Method D1475–90 test results and the supplier's or manufacturer's information, the test results will take precedence.

(d) *Calculate the organic HAP content of each coating.* Calculate the organic HAP content, grams organic HAP per liter coating solids, of each coating used during the compliance period, using Equation 2 of this section:

$$H_c = \frac{(D_c)(W_c)}{V_s} \qquad \text{(Eq. 2)}$$

Where:

H_c= Organic HAP content of the coating, grams organic HAP per liter coating solids.

D_c= Density of coating, grams coating per liter coating, determined according to paragraph (c) of this section.

W_c= Mass fraction of organic HAP in the coating, grams organic HAP per gram coating, determined according to paragraph (a) of this section.

V_s= Volume fraction of coating solids, liter coating solids per liter coating, determined according to paragraph (b) of this section.

(e) *Compliance demonstration.* The organic HAP content for each coating used during the initial compliance period, determined using Equation 2 of this section, must be less than or equal to the applicable emission limit in §63.4690; and each thinner and cleaning material used during the initial compliance period must contain no organic HAP, determined according to paragraph (a) of this section. You must keep all records required by §§63.4730 and 63.4731. As part of the Notification of Compliance Status required in §63.4710, you must identify the coating operation(s) for which you used the compliant material option and submit a statement that the coating operation(s) was (were) in compliance with the emission limitations during the initial compliance period because you used no coatings for which the organic HAP content exceeded the applicable emission limit in §63.4690, and you used no thinners or cleaning materials that contained organic HAP, determined according to paragraph (a) of this section.

[40 CFR 63.4741]

5.21 How do I demonstrate continuous compliance with the emission limitations?

(a) For each compliance period to demonstrate continuous compliance, you must use no coating for which the organic HAP content determined using Equation 2 of §63.4741 exceeds the applicable emission limit in §63.4690; and use no thinner or cleaning material that contains organic HAP, determined according to §63.4741(a). A compliance period consists of 12 months. Each month after the end of the initial compliance period described in §63.4740 is the end of a compliance period consisting of that month and the preceding 11 months.

(b) If you choose to comply with the emission limitations by using the compliant material option, the use of any coating, thinner, or cleaning material that does not meet the criteria specified in paragraph (a) of this section is a deviation from the emission limitations that must be reported as specified in §§63.4710(c)(6) and 63.4720(a)(5).

(c) As part of each semiannual compliance report required by §63.4720, you must identify the coating operation(s) for which you used the compliant material option. If there were no deviations from the emission limitations in §63.4690, submit a statement that the coating operation(s) was (were) in compliance with the emission limitations during the reporting period because you used no coating for which the organic HAP content exceeded the applicable emission limit in §63.4690, and you used no thinner or cleaning material that contained organic HAP, determined according to §63.4741(a).

(d) You must maintain records as specified in §§63.4730 and 63.4731.

[40 CFR 63.4742]

5.22 By what date must I conduct the initial compliance demonstration?

You must complete the initial compliance demonstration for the initial compliance period according to the requirements of §63.4751. The initial compliance period begins on the applicable compliance date specified in §63.4683 and ends on the last day of the 12th month following the compliance date. If the compliance date occurs on any day other than the first day of a month, then the initial compliance period extends through the end of that month plus the next 12 months. You must determine the mass of organic HAP emissions and volume of coating solids used each month and then calculate a 12-month organic HAP emission rate at the end of the initial 12-month compliance period. The initial compliance demonstration includes the calculations according to §63.4751 and supporting documentation showing that during the initial compliance period the organic HAP emission rate was equal to or less than the applicable emission limit in §63.4690.

[40 CFR 63.4750]

5.23 How do I demonstrate initial compliance with the emission limitations?

You may use the emission rate without add-on controls option for any individual coating operation, for any group of coating operations in the affected source, or for all the coating operations in the affected source. You must use either the compliant material option for any coating operation in the affected source for which you do not use this option. To demonstrate initial compliance using the emission rate without add-on controls option, the coating operation or group of coating operations must meet the applicable emission limit in §63.4690. Any coating operation for which you use the emission rate without add-on controls option is not required to meet the operating limits or work practice standards required in §§63.4692 and 63.4693, respectively. You must meet all the requirements of this section to demonstrate initial compliance with the applicable emission limit in §63.4690 for the coating operation(s). When calculating the organic HAP emission rate according to this section, do not include any coatings, thinners, or cleaning materials used on coating operations for which you use the compliant material option or the

emission rate with add-on controls option. You do not need to redetermine the mass of organic HAP in coatings, thinners, or cleaning materials that have been reclaimed onsite and reused in the coating operation(s) for which you use the emission rate without add-on controls option.

(a) *Determine the mass fraction of organic HAP for each material.* Determine the mass fraction of organic HAP for each coating, thinner, and cleaning material used during each month according to the requirements in §63.4741(a).

(b) *Determine the volume fraction of coating solids for each coating.* Determine the volume fraction of coating solids for each coating used during each month according to the requirements in §63.4741(b).

(c) *Determine the density of each material.* Determine the density of each coating, thinner, and cleaning material used during each month from test results using ASTM Method D1475–90, information from the supplier or manufacturer of the material, or reference sources providing density or specific gravity data for pure materials. If there is disagreement between ASTM Method D1475–90 test results and such other information sources, the test results (d) *Determine the volume of each material used.* Determine the volume (liters) of each coating, thinner, and cleaning material used during each month by measurement or usage records.

(e) *Calculate the mass of organic HAP emissions.* The mass of organic HAP emissions is the combined mass of organic HAP contained in all coatings, thinners, and cleaning materials used during each month minus the organic HAP in certain waste materials. Calculate it using Equation 1 of this section.

$$H_e = A + B + C - R_w \qquad \text{(Eq. 1)}$$

Where:

H_e= Total mass of organic HAP emissions during the month, grams.

A = Total mass of organic HAP in the coatings used during the month, grams, as calculated in Equation 1A of this section.

B = Total mass of organic HAP in the thinners used during the month, grams, as calculated in Equation 1B of this section.

C = Total mass of organic HAP in the cleaning materials used during the month, grams, as calculated in Equation 1C of this section.

R_w= Total mass of organic HAP in waste materials sent or designated for shipment to a hazardous waste TSDF for treatment or disposal during the month, grams, determined according to paragraph (e)(4) of this section. (You may assign a value of zero to R_w if you do not wish to use this allowance.)

(1) Calculate the mass of organic HAP in the coatings used during the month, using Equation 1A of this section:

$$A = \sum_{i=1}^{m} (Vol_{c,i})(D_{c,i})(W_{c,i}) \qquad \text{(Eq. 1A)}$$

Where:

A = Total mass of organic HAP in the coatings used during the month, grams.

$Vol_{c,i}$= Total volume of coating, i, used during the month, liters.

$D_{c,i}$= Density of coating, i, grams coating per liter coating.

$W_{c,i}$= Mass fraction of organic HAP in coating, i, grams organic HAP per gram coating.

m = Number of different coatings used during the month.

(2) Calculate the mass of organic HAP in the thinners used during the month, using Equation 1B of this section:

$$B=\sum_{j=1}^{n}(Vol_{t,j})(D_{t,j})(W_{t,j}) \qquad \text{(Eq. 1B)}$$

Where:

B = Total mass of organic HAP in the thinners used during the month, grams.

$Vol_{t,j}$= Total volume of thinner, j, used during the month, liters.

$D_{t,j}$= Density of thinner, j, grams per liter.

$W_{t,j}$= Mass fraction of organic HAP in thinner, j, grams organic HAP per gram thinner.

n = Number of different thinners used during the month.

(3) Calculate the mass of organic HAP in the cleaning materials used during the month using Equation 1C of this section:

$$C=\sum_{k=1}^{p}(Vol_{s,k})(D_{s,k})(W_{s,k}) \qquad \text{(Eq. 1C)}$$

Where:

C = Total mass of organic HAP in the cleaning materials used during the month, grams.

$Vol_{s,k}$= Total volume of cleaning material, k, used during the month, liters.

$D_{s,k}$= Density of cleaning material, k, grams per liter.

$W_{s,k}$= Mass fraction of organic HAP in cleaning material, k, grams organic HAP per gram material.

p = Number of different cleaning materials used during the month.

(4) If you choose to account for the mass of organic HAP contained in waste materials sent or designated for shipment to a hazardous waste TSDF in Equation 1 of this section, then you must determine it according to paragraphs (e)(4)(i) through (iv) of this section.

(i) You may include in the determination only waste materials that are generated by coating operations for which you use Equation 1 of this section and that will be treated or disposed of by a facility regulated as a

TSDF under 40 CFR part 262, 264, 265, or 266. The TSDF may be either off-site or on-site. You may not include organic HAP contained in wastewater.

(ii) You must determine either the amount of the waste materials sent to a TSDF during the month or the amount collected and stored during the month and designated for future transport to a TSDF. Do not include in your determination any waste materials sent to a TSDF during a month if you have already included them in the amount collected and stored during that month or a previous month.

(iii) Determine the total mass of organic HAP contained in the waste materials specified in paragraph (e)(4)(ii) of this section.

(iv) You may use any reasonable methodology to determine the amount of waste materials and the total mass of organic HAP they contain, and you must document your methodology as required in §63.4730(h). To the extent that waste manifests include this information, they may be used as part of the documentation of the amount of waste materials and mass of organic HAP contained in them.

(f) *Calculate the total volume of coating solids used.* Determine the total volume of coating solids used which is the combined volume of coating solids for all the coatings used during each month, using Equation 2 of this section:

$$V_{st} = \sum_{i=1}^{m} (Vol_{c,i})(V_{s,i}) \qquad \text{(Eq. 2)}$$

Where:

V_{st}= Total volume of coating solids used during the month, liters.

$Vol_{c,i}$= Total volume of coating, i, used during the month, liters.

$V_{s,i}$= Volume fraction of coating solids for coating, i, liter solids per liter coating, determined according to §63.4741(b).

m = Number of coatings used during the month.

(g) *Calculate the organic HAP emission rate.* Calculate the organic HAP emission rate for the 12-month compliance period, grams organic HAP per liter coating solids used, using Equation 3 of this section:

$$H_{yr} = \frac{\sum_{y=1}^{12} H_e}{\sum_{y=1}^{12} V_{st}} \qquad \text{(Eq. 3)}$$

Where:

H_{yr}= Organic HAP emission rate for the 12-month compliance period, grams organic HAP per liter coating solids.

H_e= Total mass of organic HAP emissions, grams, from all materials used during month, y, as calculated by Equation 1 of this section.

V_{st}= Total volume of coating solids used during month, y, liters, as calculated by Equation 2 of this section.

y = Identifier for months.

(h) *Compliance demonstration.* The organic HAP emission rate for the initial 12-month compliance period, calculated using Equation 3 of this section, must be less than or equal to the applicable emission limit in §63.4690. You must keep all records as required by §§63.4730 and 63.4731. As part of the Notification of Compliance Status required by §63.4710, you must identify the coating operation(s) for which you used the emission rate without add-on controls option and submit a statement that the coating operation(s) was (were) in compliance with the emission limitations during the initial compliance period because the organic HAP emission rate was less than or equal to the applicable emission limit in §63.4690, determined according to this section.

[40 CFR 63.4751]

5.24 How do I demonstrate contiuous compliance with the emission limitations?

(a) To demonstrate continuous compliance, the organic HAP emission rate for each compliance period, calculated using Equation 3 of §63.4751, must be less than or equal to the applicable emission limit in §63.4690. A compliance period consists of 12 months. Each month after the end of the initial compliance period described in §63.4750 is the end of a compliance period consisting of that month and the preceding 11 months. You must perform the calculations in §63.4751(a) through (g) on a monthly basis using data from the previous 12 months of operation.

(b) If the organic HAP emission rate for any 12-month compliance period exceeded the applicable emission limit in §63.4690, this is a deviation from the emission limitations for that compliance period and must be reported as specified in §§63.4710(c)(6) and 63.4720(a)(6).

(c) As part of each semiannual compliance report required by §63.4720, you must identify the coating operation(s) for which you used the emission rate without add-on controls option. If there were no deviations from the emission limitations, you must submit a statement that the coating operation(s) was (were) in compliance with the emission limitations during the reporting period because the organic HAP emission rate for each compliance period was less than or equal to the applicable emission limit in §63.4690, determined according to §63.4751(a) through (g).

(d) You must maintain records as specified in §§63.4730 and 63.4731.

[40 CFR 63.4752]

6. Printing

Summary Description

The following is a narrative description of the printing operations regulated in this Tier I operating permit. This description is for informational purposes only.

This emission unit consists of the printing operations at the Fruitland facility. Printing consists of product rotogravure printing of substrate which is applied to products manufactured at facility.

The VOC and HAP emissions from the printing process are uncontrolled.

Emission Limits

6.1 HAP Emission Limits

- Emissions of any single HAP from the entire facility shall be less than 10 tons per any consecutive 12-calendar month period.
- Emissions of any combination of HAPs from the entire facility shall be less than 25 tons per any consecutive 12-calendar month period.
- Emissions of acetaldehyde from the entire facility shall be less than 0.148 lbs/hr.
- Emissions of formaldehyde from the entire facility shall be less than 0.048 lbs/hr.

[PTC Condition]

6.2 VOC Emission Limits

Emissions of VOCs from the entire facility shall be less than 813.6 tons per year.

[PTC Condition]

Operating Requirements

6.3 Purchase Records

The permittee shall maintain the purchase records of all manufacturing-related materials that contain HAPs, and VOCs including but not limited to, adhesives, caulks, degreasers, solvents, and paints. The purchase records shall remain on site for the most recent five year period and shall be made available to DEQ representatives upon request.

[PTC Condition]

6.4 Material Safety Data Sheets

The permittee shall maintain the MSDS' for the manufacturing-related materials that contain HAPs and VOCs purchased pursuant to Permit Condition 6.3.

[PTC Condition]

6.5 Waste Stream

The facility waste stream shall be analyzed using an approved analytical method. The analysis must clearly indicate the volume of the waste stream (gallons), and the VOC and HAP contents (lb/gal) of the waste stream.

[PTC Condition]

Monitoring and Recordkeeping Requirements

6.6 Material Usage Records

- The permittee shall monitor and record monthly, the usage of each manufacturing-related material that contains HAPs. The usage records shall remain on site for the most recent five years period and shall be made available to DEQ representatives upon request.

- The permittee shall monitor and record monthly, the usage of each manufacturing-related material that contains VOCs. The usage records shall remain on site for the most recent five years period and shall be made available to DEQ representatives upon request.

[PTC Condition]

6.7 VOC Monitoring Requirements

The permittee shall monitor and record the monthly and annual VOC emissions using the purchase records required by Permit Condition 6.3, the MSDS' required by Permit Condition 6.4, VOC waste stream data required by Permit Condition 6.5 and the material usage records required by Permit Condition 6.6 to demonstrate compliance with Permit Condition 6.2. Annual VOC emissions shall be determined by summing monthly VOC emissions over the previous consecutive 12-month period. Records of this information shall be maintained on site for the most recent two year period and shall be made available to DEQ representatives upon request.

[PTC Condition]

6.8 HAP Monitoring Requirements

The permittee shall monitor and record the monthly and annual HAP emissions using the purchase records required by Permit Condition 6.3, the MSDS' required by Permit Condition 6.4, HAP waste stream data required by Permit Condition 6.5 and the material usage records required by Permit Condition 6.6 to demonstrate compliance with Permit Condition 6.2. Annual HAP emissions shall be determined by summing monthly HAP emissions over the previous consecutive 12-month period. Records of this information shall be maintained on site for the most recent two year period and shall be made available to DEQ representatives upon request.

[PTC Condition]

40 CFR 63 Subpart KK – National Emission Standards for the Printing and Publishing Industry

6.9 Process Description

The permittee shall comply with all applicable requirements of 40 CFR 63, Subpart KK and all applicable general provisions of 40 CFR 63 Subpart A. Subpart KK establishes national emission standards for hazardous air pollutants (NESHAP) for the Printing and Publishing Industry.

[40 CFR 63.820]

6.10 Applicability

- The permittee shall comply with the applicable requirements of 40 CFR 63.820(a)(1), (2), and (3) because the permittee owns and operates an existing affected source, that uses less than 10 tons per each rolling 12-month period of each HAP and less than 25 tons per each rolling 12-month period of any combination of HAP at the facility.
- Each facility for which the owner or operator chooses to commit to and meets the criteria stated in 40 CFR 63.820(a)(2) shall be considered an area source, and is subject only to the provisions of 40 CFR 63.829(d) and 40 CFR 63.830(b)(1) of Subpart KK.
- In accordance with 40 CFR 63.820(a)(7), nothing in this paragraph (a)(7) is intended to preclude a facility from establishing area source status by limiting its potential to emit through other appropriate mechanisms that may be available through the permitting authority.

[40 CFR 63.820]

6.11 Recordkeeping Requirements

The owner or operator of an affected facility which commits to the criteria of 40 CFR 63.820(a)(2) shall maintain records of all required measurements and calculations needed to demonstrate compliance with these criteria, including the mass of all HAP containing materials used and the mass fraction of HAP present in each HAP containing material used, on a monthly basis.

[40 CFR 63.829]

6.12 Reporting Requirements

In accordance with 40 CFR 63.830(b)(1), each owner or operator of an affected source subject to Subpart KK shall submit the reports specified in paragraph (b)(1) through (b)(6) of this section to the Administrator.

[40 CFR 63.830]

7. Emergency Generator Engine

40 CFR 63, Subpart ZZZZ – National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines

7.1 Process Description

The permittee shall comply with all applicable requirements of 40 CFR 63, Subpart ZZZZ and all applicable general provisions of 40 CFR 63 Subpart A. Subpart ZZZZ applies to the existing stationary Reciprocating Internal Combustion Engine (RICE) located at area source of HAP emissions. Subpart ZZZZ applies to the existing emergency compression ignition (CI) with a rated capacity of 347 brake horse power [bhp]) engine. Woodgrain Millwork maintains one Kohler Power System, Model 230 compression ignition engine onsite for emergency purposes.

[40 CFR 63 Subpart ZZZZ]

7.2 Compliance Date

In accordance with 40 CFR 63.6595(a)(1), the affected source must comply with the applicable emission and operating limitations of the National Emissions Standards for Hazardous Air Pollutants for stationary RICE, 40 CFR 63, Subpart ZZZZ by May 3, 2013.

[40 CFR 63.6595]

7.3 Emissions and Operating Limitations

On and after the compliance date of May 3, 2013 specified in 40 CFR 63.6595, the permittee shall meet the applicable requirements specified in Table 2d to Subpart ZZZZ of Part 63.

Summary of Table 2D to Subpart ZZZZ of Part 63

For each…	You must meet the following requirement, except during periods of startup…
Emergency stationary CI RICE[a]	• Change oil and filter every 500 hours of operation or annually, whichever comes first;[b] • Inspect air cleaner every 1,000 hours of operation or annually, whichever comes first; and • Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.

a) If an emergency engine is operating during an emergency and it is not possible to shut down the engine in order to perform the management practice requirements on the schedule required in Table 2d of this subpart, or if performing the management practice on the required schedule would otherwise pose an unacceptable risk under federal, state, or local law, the management practice can be delayed until the emergency is over or the unacceptable risk under federal, state, or local law has abated. The management practice should be performed as soon as practicable after the emergency has ended or the unacceptable risk under federal, state, or local law has abated. Sources must report any failure to perform the management practice on the schedule required and the federal, state or local law under which the risk was deemed unacceptable.

b) Sources have the option to utilize an oil analysis program as described in §63.6625(i) in order to extend the specified oil change requirement in Table 2d of this subpart.

[40 CFR 63.6595, Table 2d to Subpart ZZZZ]

7.4 General Compliance Requirements

On and after the compliance date of May 3, 2013 specified in 40 CFR 63.6595, the permittee shall at all times operate and maintain the emergency engine, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions.

[40 CFR 63.6605]

Monitoring, Recordkeeping, and Reporting Requirements

7.5 Operation and Monitoring Requirements

On and after the compliance date of May 3, 2013 specified in 40 CFR 63.6595, the permittee shall meet the monitoring, installation, collection, operation, and maintenance requirements specified in Subpart ZZZZ of Part 63 in accordance with 40 CFR 63.6625. The permittee shall:

- Operate and maintain the emergency CI engine and after-treatment control device (if any) according to the manufacturer's emission-related written instructions or develop a maintenance plan which must provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions, in accordance with 40 CFR 63.6625(e)(3).
- Install a non-resettable hour meter if one is not already installed, in accordance with 40 CFR 63.6625(f).
- Minimize the engine's time spent at idle during startup and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes, after which time the emission standards applicable to all times other than startup in Tables 1a, 2a, 2c, and 2d to this subpart apply, in accordance with 40 CFR 63.6625(h).
- Have the option of utilizing an oil analysis program in order to extend the specified oil change requirement in Table 2d in accordance with 40 CFR 63.6625(i). The analysis program must be part of the maintenance plan for the engine.
  - If any of the limits are exceeded, the oil shall be changed within two days of receiving the results of the analysis; if the engine is not in operation when the results of the analysis are received, the oil shall be changed within two days or before commencing operation, whichever is later.
  - The permittee shall keep records of the parameters that are analyzed as part of the program, the results of the analysis, and the oil changes for the engine.

[40 CFR 63.6625]

7.6 Continuous Compliance Requirements

On and after the compliance date of May 3, 2013 specified in 40 CFR 63.6595, the permittee shall demonstrate continuous compliance with each applicable emission limitation and operating limitation in Table 2d to Subpart ZZZZ of 40 CFR 63 according to methods specified in Table 6, in accordance with 40 CFR 63.6640(a).

Summary of Table 6 to Subpart ZZZZ of Part 63

For each...	Complying with the requirement to...	You must demonstrate continuous compliance by...
Existing emergency stationary RICE located at an area source of HAP	Work or Management practices	• Operating and maintaining the stationary RICE according to the manufacturer's emission-related operation and maintenance instructions; or • Develop and follow your own maintenance plan which must provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions.

- On and after the compliance date of May 3, 2013 specified in 40 CFR 63.6595, the permittee shall report each instance in which each applicable emission limitation or operating limitation in Table 2d was not met in accordance with 40 CFR 63.6640(b). These instances are deviations from the emission and operating limitations. These deviations must be reported according to the requirements in 40 CFR 63.6650.

- The permittee shall also report each instance in which the applicable requirements in Table 8 were not met in accordance with 40 CFR 63.6640(e).
- On and after the compliance date of May 3, 2013 specified in 40 CFR 63.6595, the permittee shall operate the emergency generator engine according to the requirements in 40 CFR 63.6640(f)(1)(i) through (iii). Any operation other than emergency operation, maintenance and testing, and operation in non-emergency situations for 50 hours per year is prohibited. If you do not operate the engine according to these requirements, the engine will not be considered an emergency engine and will need to meet all requirements for non-emergency engines.
    - There is no time limit on the use of emergency stationary RICE in emergency situations.
    - The permittee shall operate the emergency generator engine for the purpose of maintenance checks and readiness testing, provided that the tests are recommended by federal, state or local government, the manufacturer, the vendor, or the insurance company associated with the engine. Maintenance checks and readiness testing of such units is limited to 100 hours per year. A petition is not required if the owner or operator maintains records indicating that federal, state, or local standards require maintenance and testing of emergency RICE beyond 100 hours per year.
    - The permittee may operate the emergency generator engine up to 50 hours per year in non-emergency situations, but those 50 hours are counted towards the 100 hours per year provided for maintenance and testing.

[40 CFR 63.6640]

7.7 Recordkeeping Requirements

- On and after the compliance date of May 3, 2013 specified in 40 CFR 63.6595, the permittee shall keep the records described in 40 CFR 63.6655 in accordance with 40 CFR 63.6655 and 40 CFR 63.6660.
    - Records required in Table 6 of 40 CFR 63, Subpart ZZZZ to show continuous compliance with each emission or operating limitation that applies to you.
    - Records of the maintenance conducted on the stationary RICE in order to demonstrate that you operated and maintained the stationary RICE and after-treatment control device (if any) according to your own maintenance plan.
    - Records must be in a form suitable and readily available for expeditious review according to 40 CFR 63.10(b)(1).
    - The permittee shall keep each record for five years following the date of each occurrence, measurement, maintenance, corrective action, report, or record.
    - The permittee shall keep each record readily accessible in hard copy or electronic form for at least five years after the date of each occurrence, measurement, maintenance, corrective action, report, or record.
    - The permittee must keep records of hours of operation of the CI engines in accordance with 40 CFR 63.6655(f).

[40 CFR 63.6655]

7.8 Other Requirements and Information

On and after the compliance date of May 3, 2013 specified in 40 CFR 63.6595, the permittee shall comply with the applicable general provisions in Table 8 to 40 CFR 63, Subpart ZZZZ in accordance with 40 CFR 63.6665.

[40 CFR 63.6665]

8. Insignificant Activities

8.1 Activities and emission units identified as insignificant under IDAPA 58.01.01.317.01(b) are listed in Table 8.1 to qualify for a permit shield. There are no monitoring, recordkeeping, or reporting requirements for insignificant emission units or activities beyond those required in the facility-wide permit conditions (Section 3).

Table 8.1 Insignificant Activities

Description	Insignificant Activities IDAPA 58.01.01.317.01(b)(i) Citation
Operation of Tanks less than 260 gallon capacity	IDAPA 58.01.01.317.01.b.i.(1)
Operation of Tanks less than 1,100 gallon capacity	IDAPA 58.01.01.317.01.b.i.(2)
Operation of Tanks less than 10,000 gallon capacity	IDAPA 58.01.01.317.01.b.i.(3)
Operation of Propane Tank less than 40,000 gal capacity	IDAPA 58.01.01.317.01.b.i.(4)
Batch solvent distillation, not greater than fifty-five (55) gallons batch capacity.	IDAPA 58.01.01.317.01.b.i.(15)
Space heaters and hot water heaters using natural gas, propane or kerosene and generating less than five million (5,000,000) Btu/hr.	IDAPA 58.01.01.317.01.b.i.(18)
Surface coating, aqueous solution or suspension containing less than one percent (1%) volatile organic compounds.	IDAPA 58.01.01.317.01.b.i.(25)
emission units or activities with potential emissions less than or equal to the significant emission rate as defined in Section 006 and actual emissions less than or equal to ten percent (10%) of the levels contained in Section 006 of the definition of significant and no more than one (1) ton per year of any hazardous air pollutant.	IDAPA 58.01.01.317.01.b.i.(30)
Welding	IDAPA 58.01.01.317.01.b.i.(9)
Storage and handling of water-based lubricants for metal working	IDAPA 58.01.01.317.01.b.i.(27)

[IDAPA 58.01.01.317.01(b)(i), 5/3/03]

9. General Provisions

General Compliance

9.1 The permittee shall comply with all conditions of this permit. Any permit noncompliance constitutes a violation and is grounds for enforcement action; for permit termination, revocation and reissuance, or revision; or for denial of a permit renewal application.

[IDAPA 58.01.01.322.15.a, 5/1/94; 40 CFR 70.6(a)(6)(i)]

9.2 It shall not be a defense in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the terms and conditions of this permit.

[IDAPA 58.01.01.322.15.b, 5/1/94; 40 CFR 70.6(a)(6)(ii)]

9.3 Any permittee who fails to submit any relevant facts or who has submitted incorrect information in a permit application shall, upon becoming aware of such failure or incorrect submittal, promptly submit such supplementary facts or corrected information.

[IDAPA 58.01.01.315.01, 5/1/94; 40 CFR 70.5(b)]

Reopening

9.4 This permit may be revised, reopened, revoked and reissued, or terminated for cause. Cause for reopening exists under any of the circumstances listed in IDAPA 58.01.01.386. Proceedings to reopen and reissue a permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of the permit for which cause to reopen exists. Such reopening shall be made as expeditiously as practicable in accordance with IDAPA 58.01.01.360 through 369.

[IDAPA 58.01.01.322.15.c, 5/1/94; IDAPA 58.01.01.386, 3/19/99; 40 CFR 70.7(f)(1), (2); 40 CFR 70.6(a)(6)(iii)]

9.5 The filing of a request by the permittee for a permit revision, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.

[IDAPA 58.01.01.322.15.d, 5/1/94; 40 CFR 70.6(a)(6)(iii)]

Property Rights

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

[IDAPA 58.01.01.322.15.e, 5/1/94; 40 CFR 70.6(a)(6)(iv)]

Information Requests

9.7 The permittee shall furnish all information requested by DEQ, within a reasonable time, that DEQ may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit.

[Idaho Code §39-108; IDAPA 58.01.01.122, 4/5/00; IDAPA 58.01.01.322.15.f, 4/5/00; 40 CFR 70.6(a)(6)(v)]

9.8 Upon request, the permittee shall furnish to DEQ copies of records required to be kept by this permit. For information claimed to be confidential, the permittee may furnish such records along with a claim of confidentiality in accordance with Idaho Code §9-342A and applicable implementing regulations including IDAPA 58.01.01.128.

[IDAPA 58.01.01.322.15.g, 5/1/94; IDAPA 58.01.01.128, 4/5/00; 40 CFR 70.6(a)(6)(v)]

Severability

9.9 The provisions of this permit are severable, and if any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit shall not be affected thereby.

[IDAPA 58.01.01.322.15.h, 5/1/94; 40 CFR 70.6(a)(5)]

Changes Requiring Permit Revision or Notice

9.10 The permittee may not commence construction or modification of any stationary source, facility, major facility, or major modification without first obtaining all necessary permits to construct or an approval under IDAPA 58.01.01.213, or complying with IDAPA 58.01.01.220 through 223. The permittee shall comply with IDAPA 58.01.01.380 through 386 as applicable.

[IDAPA 58.01.01.200-223, 4/2/08; IDAPA 58.01.01.322.15.i, 3/19/99; IDAPA 58.01.01.380-386, 7/1/02; 40 CFR 70.4(b)(12), (14), (15); 40 CFR 70.7(d), (e)]

9.11 Changes that are not addressed or prohibited by the Tier I operating permit require a Tier I operating permit revision if such changes are subject to any requirement under Title IV of the Clean Air Act (CAA), 42 United States Code (U.S.C.) Section 7651 through 7651c, or are modifications under Title I of the CAA, 42 U.S.C. Section 7401 through 7515. Administrative amendments (IDAPA 58.01.01.381), minor permit modifications (IDAPA 58.01.01.383), and significant permit modifications (IDAPA 58.01.01.382) require a revision to the Tier I operating permit. IDAPA 58.01.01.502(b)(10) changes are authorized in accordance with IDAPA 58.01.01.384. Off permit changes and required notice are authorized in accordance with IDAPA 58.01.01.385.

[IDAPA 58.01.01.381-385, 4/5/00; IDAPA 58.01.01.209.05, 4/11/06; 40 CFR 70.4(b)(14), (15)]

Federal and State Enforceability

9.12 Unless specifically identified as a "State only" provision, all terms and conditions in this permit, including any terms and conditions designed to limit a source's potential to emit, are enforceable: (i) by DEQ in accordance with state law; and (ii) by the United States or any other person in accordance with federal law.

[IDAPA 58.01.01.322.15.j, 5/1/94; 40 CFR 70.6(b)(1), (2)]

9.13 Provisions specifically identified as a "State-only" provision are enforceable only in accordance with state law. "State-only" provisions are those that are not required under the Federal Clean Air Act or under any of its applicable requirements or those provisions adopted by the state prior to federal approval.

[Idaho Code §39-108; IDAPA 58.01.01.322.15.k, 3/23/98]

Inspection and Entry

9.14 Upon presentation of credentials, the permittee shall allow DEQ or an authorized representative of DEQ to do the following:

- Enter upon the permittee's premises where a Tier I source is located or emissions related activity is conducted, or where records are kept under conditions of this permit;
- Have access to and copy, at reasonable times, any records that are kept under the conditions of this permit;
- Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit; and
- As authorized by the Idaho Environmental Protection and Health Act, sample or monitor, at reasonable times, substances or parameters for the purpose of determining or ensuring compliance with this permit or applicable requirements.

[Idaho Code §39-108; IDAPA 58.01.01.322.15.l, 5/1/94; 40 CFR 70.6(c)(2)]

New Applicable Requirements

9.15 The permittee shall comply with applicable requirements that become effective during the permit term on a timely basis.

[IDAPA 58.01.01.322.10, 4/5/00; IDAPA 58.01.01.314.10.a.ii, 5/1/94; 40 CFR 70.6(c)(3) citing 70.5(c)(8)]

Fees

9.16 The permittee shall pay annual registration fees to DEQ in accordance with IDAPA 58.01.01.387 through IDAPA 58.01.01.397.

[IDAPA 58.01.01.387, 4/2/03; 40 CFR 70.6(a)(7)]

Certification

9.17 All documents submitted to DEQ shall be certified in accordance with IDAPA 58.01.01.123 and comply with IDAPA 58.01.01.124.

[IDAPA 58.01.01.322.15.o, 5/1/94; 40 CFR 70.6(a)(3)(iii)(A); 40 CFR 70.5(d)]

Renewal

9.18 The permittee shall submit an application to DEQ for a renewal of this permit at least six months before, but no earlier than 18 months before, the expiration date of this operating permit. To ensure that the term of the operating permit does not expire before the permit is renewed, the permittee is encouraged to submit a renewal application nine months prior to the date of expiration.

[IDAPA 58.01.01.313.03, 4/5/00; 40 CFR 70.5(a)(1)(iii)]

9.19 If a timely and complete application for a Tier I operating permit renewal is submitted, but DEQ fails to issue or deny the renewal permit before the end of the term of this permit, then all the terms and conditions of this permit including any permit shield that may have been granted pursuant to IDAPA 58.01.01.325 shall remain in effect until the renewal permit has been issued or denied.

[IDAPA 58.01.01.322.15.p, 5/1/94; 40 CFR 70.7(b)]

Permit Shield

9.20 Compliance with the terms and conditions of the Tier I operating permit, including those applicable to all alternative operating scenarios and trading scenarios, shall be deemed compliance with any applicable requirements as of the date of permit issuance, provided that:

- Such applicable requirements are included and are specifically identified in the Tier I operating permit; or
  - DEQ has determined that other requirements specifically identified are not applicable and all of the criteria set forth in IDAPA 58.01.01.325.01(b) have been met.
- The permit shield shall apply to permit revisions made in accordance with IDAPA 58.01.01.381.04 (administrative amendments incorporating the terms of a permit to construct), IDAPA 58.01.01.382.04 (significant modifications), and IDAPA 58.01.01.384.03 (trading under an emissions cap).
- Nothing in this permit shall alter or affect the following:
  - Any administrative authority or judicial remedy available to prevent or terminate emergencies or imminent and substantial dangers;
  - The liability of a permittee for any violation of applicable requirements prior to or at the time of permit issuance;
  - The applicable requirements of the acid rain program, consistent with 42 U.S.C. Section 7651(g)(a); and
  - The ability of EPA to obtain information from a source pursuant to Section 114 of the CAA; or the ability of DEQ to obtain information from a source pursuant to Idaho Code §39-108 and IDAPA 58.01.01.122.

[Idaho Code §39-108 and 112; IDAPA 58.01.01.122, 4/5/00; IDAPA 58.01.01.322.15.m, 5/1/94; IDAPA 58.01.01.325, 3/19/99; IDAPA 58.01.01.381.04, 382.04, 383.05, 384.03, 385.03, 3/19/99; 40 CFR 70.6(f)]

Compliance Schedule and Progress Reports

9.21 The permittee shall comply with the following:

- For each applicable requirement for which the source is not in compliance, the permittee shall comply with the compliance schedule incorporated in this permit.
- For each applicable requirement that will become effective during the term of this permit and that provides a detailed compliance schedule, the permittee shall comply with such requirements in accordance with the detailed schedule.
- For each applicable requirement that will become effective during the term of this permit that does not contain a more detailed schedule, the permittee shall meet such requirements on a timely basis.
- For each applicable requirement with which the permittee is in compliance, the permittee shall continue to comply with such requirements.

[IDAPA 58.01.01.322.10, 4/5/00; IDAPA 58.01.01.314.9, 5/1/94; IDAPA 58.01.01.314.10, 4/5/00; 40 CFR 70.6(c)(3) and (4)]

Periodic Compliance Certification

9.22 The permittee shall submit compliance certifications during the term of the permit for each emissions unit to DEQ and the EPA as follows:

- The compliance certifications for all emissions units shall be submitted annually from January 1 to December 31 or more frequently if specified by the underlying applicable requirement or elsewhere in this permit by DEQ.
- The initial compliance certification for each emissions unit shall address all of the terms and conditions contained in the Tier I operating permit that are applicable to such emissions unit including emissions limitations, standards, and work practices;
- The compliance certification shall be in an itemized form providing the following information (provided that the identification of applicable information may cross-reference the permit or previous reports as applicable):
  - The identification of each term or condition of the Tier I operating permit that is the basis of the certification;
  - The identification of the method(s) or other means used by the permittee for determining the compliance status with each term and condition during the certification period. Such methods and other means shall include, at a minimum, the methods and means required under Subsections 322.06, 322.07, and 322.08;
  - The status of compliance with the terms and conditions of the Tier I operating permit for the period covered by the certification, including whether compliance during the period was continuous or intermittent. The certification shall be based on the method or means designated in Subsection 322.11.c.ii above. The certification shall identify each deviation and take it into account in the compliance certification. The certification shall also identify as possible exceptions to compliance any periods during which compliance is required and in which an excursion or exceedance as defined under 40 CFR Part 64 occurred; and
  - Such information as DEQ may require to determine the compliance status of the emissions unit.

9.23 All original compliance certifications shall be submitted to DEQ and a copy of all compliance certifications shall be submitted to the EPA.

[IDAPA 58.01.01.322.11, 4/6/05; 40 CFR 70.6(c)(5)(iii) as amended, 62 Fed. Reg. 54900, 54946 (10/22/97); 40 CFR 70.6(c)(5)(iv)]

False Statements

9.24 No person shall knowingly make any false statement, representation, or certification in any form, notice, or report required under this permit, or any applicable rule or order in force pursuant thereto.

[IDAPA 58.01.01.125, 3/23/98]

No Tampering

9.25 No person shall knowingly render inaccurate any monitoring device or method required under this permit or any applicable rule or order in force pursuant thereto.

[IDAPA 58.01.01.126, 3/23/98]

Semiannual Monitoring Reports

9.26 In addition to all applicable reporting requirements identified in this permit, the permittee shall submit reports of any required monitoring at least every six months. The permittee's semiannual reporting periods shall be from from January 1 to June 30 and July 1 to December 31. All instances of deviations from this operating permit's requirements must be clearly identified in the report. The semiannual reports shall be submitted to DEQ within 30 days of the end of the specified reporting period.

[IDAPA 58.01.01.322.15.q, 3/23/98; IDAPA 58.01.01.322.08.c, 4/5/00; 40 CFR 70.6(a)(3)(iii)]

Reporting Deviations and Excess Emissions

9.27 The permittee shall promptly report all deviations from permit requirements including upset conditions, their probable cause, and any corrective actions or preventive measures taken. For excess emissions, the report shall be made in accordance with IDAPA 58.01.01.130-136. For all other deviations, the report shall be made in accordance with IDAPA 58.01.01.322.08.c, unless otherwise specified in this permit.

[IDAPA 58.01.01.322.15.q, 3/23/98; IDAPA 58.01.01.135, 4/11/06; 40 CFR 70.6(a)(3)(iii)]

Permit Revision Not Required

9.28 No permit revision shall be required under any approved economic incentives, marketable permits, emissions trading, and other similar programs or processes for changes that are provided for in the permit.

[IDAPA 58.01.01.322.05.b, 4/5/00; 40 CFR 70.6(a)(8)]

Emergency

9.29 In accordance with IDAPA 58.01.01.332, an "emergency," as defined in IDAPA 58.01.01.008, constitutes an affirmative defense to an action brought for noncompliance with such technology-based emissions limitation if the conditions of IDAPA 58.01.01.332.02 are met.

[IDAPA 58.01.01.332.01, 4/5/00; 40 CFR 70.6(g)]