

# **Statement of Basis**

**Tier I Operating Permit No. T1-2012.0011**

**Project ID 61008**

**Woodgrain Millwork Inc.**

**Fruitland, Idaho**

**Facility ID 075-00001**

**Final**

**January 13, 2013**

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**Permit Writer**

The purpose of this Statement of Basis is to set forth the legal and factual basis for the Tier I operating permit terms and conditions, including references to the applicable statutory or regulatory provisions for the terms and conditions, as required by IDAPA 58.01.01.362

|  |    |
|--|----|
| 1. ACRONYMS, UNITS, AND CHEMICAL NOMENCLATURE.....                       | 3  |
| 2. INTRODUCTION AND APPLICABILITY .....                                  | 4  |
| 3. FACILITY INFORMATION .....  | 5  |
| 4. APPLICATION SCOPE AND APPLICATION CHRONOLOGY .....                    | 6  |
| 5. EMISSIONS UNITS, PROCESS DESCRIPTION(S), AND EMISSIONS INVENTORY..... | 7  |
| 6. EMISSIONS LIMITS AND MRRR .....                                       | 9  |
| 7. REGULATORY REVIEW .....   | 19 |
| 8. PUBLIC COMMENT .....  | 30 |
| 9. EPA REVIEW OF PROPOSED PERMIT .....                                   | 30 |

## 1. ACRONYMS, UNITS, AND CHEMICAL NOMENCLATURE

|                   |  |
|-------------------|--|
| acfm              | actual cubic feet per minute   |
| ASTM              | American Society for Testing and Materials   |
| BACT              | Best Available Control Technology  |
| Btu               | British thermal unit   |
| CAA               | Clean Air Act  |
| CAM               | Compliance Assurance Monitoring  |
| CEMS              | continuous emission monitoring systems   |
| CFR               | Code of Federal Regulations  |
| CI                | compression ignition   |
| CMS               | continuous monitoring systems  |
| CO                | carbon monoxide  |
| CO <sub>2</sub>   | carbon dioxide   |
| CO <sub>2</sub> e | CO <sub>2</sub> equivalent emissions   |
| COMS              | continuous opacity monitoring systems  |
| DEQ               | Department of Environmental Quality  |
| dscf              | dry standard cubic feet  |
| EPA               | U.S. Environmental Protection Agency   |
| GHG               | greenhouse gases   |
| 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 |
| MACT              | Maximum Achievable Control Technology  |
| MMBtu             | million British thermal units  |
| MMscf             | million standard cubic feet  |
| MRRR              | Monitoring, Recordkeeping and Reporting Requirements   |
| NESHAP            | National Emission Standards for Hazardous Air Pollutants   |
| NO <sub>x</sub>   | nitrogen oxides  |
| NSPS              | New Source Performance Standards   |
| O&M               | operation and maintenance  |
| PC                | permit condition   |
| PM                | particulate matter   |
| PM <sub>2.5</sub> | particulate matter with an aerodynamic diameter less than or equal to a nominal 2.5 micrometers                                      |
| PM <sub>10</sub>  | particulate matter with an aerodynamic diameter less than or equal to a nominal 10 micrometers                                       |
| PSD               | Prevention of Significant Deterioration  |
| PTC               | permit to construct  |
| PTE               | potential to emit  |
| RICE              | reciprocating internal combustion engines  |
| <i>Rules</i>      | <i>Rules for the Control of Air Pollution in Idaho</i>   |
| scf               | standard cubic feet  |
| SO <sub>2</sub>   | sulfur dioxide   |
| T/yr              | tons per consecutive 12 calendar month period  |
| T1                | Tier I operating permit  |
| T2                | Tier II operating permit   |
| TAP               | toxic air pollutants   |
| ULSD              | ultra low sulfur diesel  |
| VOC               | volatile organic compound  |

## 2. INTRODUCTION AND APPLICABILITY

Woodgrain Millwork Incorporated (WMI), Fruitland facility which mills and finishes wood door components, mouldings, and window parts., and is located at 300 NW16th, Fruitland, Idaho. The facility is classified as a major facility, as defined by IDAPA 58.01.01.008.10.c, because it emits or has the potential to emit volatile organic compounds (VOC) above the major source threshold of 100 tons-per-year. The facility is not major facility for hazardous air pollutants (HAP), as defined by Subsection 008.10.a. In accordance to the Tier II Operating Permit and Permit to Construct No. T2-020024, issued on July 6, 2007, the HAP emissions from the entire facility are below the major source thresholds of 10 tons-per-year for any single HAP and/or 25 tons-per-year for any combination of HAP.

As a major facility, WMI is required to apply for a Tier I operating permit pursuant to IDAPA 58.01.01.301. The application for a Tier I operating permit must contain a certification from WMI as to its compliance status with all applicable requirements (IDAPA 58.01.01.314.09).

IDAPA 58.01.01.362 requires that as part of its review of the Tier I application, DEQ shall prepare a technical memorandum (i.e. statement of basis) that sets forth the legal and factual basis for the draft Tier I operating permit terms and conditions including reference to the applicable statutory provisions or the draft denial. This document provides the basis for the draft Tier I operating permit for WMI.

The format of this Statement of Basis follows that of the permit with the exception of the facility's information discussed first followed by the scope, the applicable requirements and permit shield, and finally the general provisions.

The WMI's Tier I operating permit is organized into sections. They are as follows:

### **Section 1 – Acronyms, Units, and Chemical Nomenclature**

This section lists the acronyms, units, and the chemical nomenclature.

### **Section 2 - Tier I Operating Permit Scope Facility-Wide Conditions**

The scope describes this permitting action.

### **Section 3 – Facility-Wide Conditions**

The Facility-wide conditions section contains the applicable requirements (permit conditions) that apply facility-wide. Where required, monitoring, recordkeeping and reporting requirements sufficient to assure compliance with each permit condition follows the permit condition.

### **Sections 4 through 7 – Wood Processing and Handling, Coating and Gluing; and Printing**

The emissions unit-specific sections of the permit contain the applicable requirements that specially apply to each regulated emissions unit. Some requirements that apply to an emissions unit (e.g. opacity limits) may be contained in the facility-wide conditions. As with the facility-wide conditions, monitoring, recordkeeping and reporting requirements sufficient to assure compliance with each applicable requirement immediately follows the applicable requirement.

### **Section 8 – Emergency Generator Engine**

This section lists the applicable requirements of 40 CFR 63 Subpart ZZZZ that apply to the diesel emergency diesel generator engine exits at the facility.

### **Section 9 - Non-applicable Requirements and Insignificant Activities**

This section lists those requirements that the applicant has requested as non-applicable, and DEQ proposes to grant a permit shield in accordance with IDAPA 58.01.01.325.

If requested by the applicant, this section also lists emissions units and activities determined to be insignificant activities based on size or production as allowed by IDAPA 58.01.01.317.01.b.

## Section 10 - General Provisions

The final section of the permit contains standard terms and conditions that apply to all major facilities subject to IDAPA 58.01.01.300. This section is the same for all Tier I sources. These conditions have been reviewed by EPA and contain all terms required by IDAPA 58.01.01 et al as well as requirements from other air quality laws and regulations. Each general provision has been paraphrased so it is more easily understood by the general public; however, there is no intent to alter the effect of the requirement. Should there be a discrepancy between a paraphrased general provision in this statement of basis and the rule or permit, the rule or permit shall govern.

### 3. FACILITY INFORMATION

#### 3.1 Facility Description

Woodgrain Millwork processes dried rough-cut lumber into decorative mouldings and window and door parts for the housing, manufactured housing and recreational vehicle markets. Additionally WMI treats window parts to meet Window and Door Manufacturing Association (WDMA) standards and "prefinishes" mouldings and doors with coatings, and wraps simulated finishes on mouldings.

The facility site consists of eight manufacturing buildings and various storage and administrative buildings.

Building 1 contains the moulding wrapping operation, a raw moulding warehouse, and a spray booth for prefinishing doors.

Building 2 contains the coating and print operations. Mouldings can be coated with paint and/or printed with a simulated wood pattern

Building 3 contains various moulding and shaping equipment and a water borne prime operation.

Building 4 contains aripsaw and optimization cut line, various moulders and shapers, RF ovens, and the woodtreat operation.

Building 5 contains an automated optimization process cut line, various finger jointers, and various moulders and shapers

Building 6 contains the various shapers, moulders and embossing equipment.

Building 9 contains various finger jointers, various moulders shapers.

Building 11 contains the shavings bagging operation. Most of the shavings produced at the facility are bagged and sold as animal bedding.

#### 3.2 Facility Permitting History

##### Tier I Operating Permit History - Previous 5-year permit term from July 6, 2007 to July 6, 2012

The following information is the permitting history of this Tier I facility during the previous five-year permit term which was from July 6, 2007 to July 6, 2012. This information was derived from a review of the permit files available to DEQ. Permit status is noted as active and in effect (A) or superseded (S).

|              |   |
|--------------|---|
| July 6, 2007 | T1-060054, previous Tier I operating permit renewal. (A, will be S as a result of this project) |
|--------------|---|

##### Underlying Permit History - Includes every underlying permit issued to this facility

The following information is the comprehensive permitting history of all underlying applicable permits issued to this Tier I facility. This information was derived from a review of the permit files available to DEQ. Permit status is noted as active and in effect (A) or superseded (S).

|                   |   |
|-------------------|---|
| February 20, 1998 | Permit No. 075-00001, permit to construct (PTC) for dimensional lumber process/wood shavings bagging operation, initial PTC (S).  |
| January 22, 1999  | PTC No. 075-00001, a new PTC for millwork coating (prefinish) process (S).  |
| June 19, 2002     | PTC No. 075-00001, PTC modification (S).  |
| December 11, 2002 | Initial Tier I operating permit No. 075-00001 (S)   |
| July 6, 2007      | Tier II operating permit and PTC No. T2-020024, issued as required by the compliance schedule found in Tier I operating permit No. 075-00001, issued on December 11, 2002 (A).          |
| July 6, 2007      | Tier I operating permit No. T1-060054, issued concurrently with Tier II OP No. T2-020024 to incorporate the applicable requirements of the T 2 OP into the Tier I operating permit (A). |

#### 4. APPLICATION SCOPE AND APPLICATION CHRONOLOGY

##### 4.1 Application Scope

This permit is the renewal of the facility's currently effective Tier I operating permit. This permit also includes the applicable requirements of 40 CFR 63 Subpart ZZZZ (National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines.)

##### 4.2 Application Chronology

|                    |   |
|--------------------|---|
| March 2, 2012      | DEQ received an application from WMI to renew the facility's effective Tier I operating permit.   |
| April 10, 2012     | The application was determined incomplete.  |
| May 8, 2012        | DEQ received an email from WMI requesting for an extension until May 18, 2012 to respond to DEQ's incompleteness letter of 4/10/12.                                     |
| May 18, 2012       | DEQ received a respond to the incompleteness letter.  |
| June 1, 2012       | DEQ received additional information from WMI.   |
| July 30, 2012      | DEQ determined the application complete.  |
| August 28, 2012    | DEQ provided the draft permit and the statement of basis for peer and regional review.  |
| September 5, 2012  | DEQ provided the draft permit and the statement of basis to the facility for review.  |
| September 14, 2012 | DEQ received comment on the draft permit and the statement of basis from the facility.  |
| October 3, 2012    | DEQ provided the draft Tier I operating permit for public comment and affected states review. Public comment and affected states review ends on November 2, 2012.       |
| November 13, 2012  | DEQ provided the proposed permit and the statement of basis to EPA Region X for review.   |
| January 4, 2013    | EPA notified DEQ that they will not be reviewing the proposed permit action and will not object to its issuance. EPA stated, "The permit is now eligible for issuance." |
| January 28, 2013   | DEQ issued the final renewed Tier I operating permit to the facility.   |

## 5. EMISSIONS UNITS, PROCESS DESCRIPTION(S), AND EMISSIONS INVENTORY

This section lists the emissions units, describes the production or manufacturing processes, and provides the emissions inventory for this facility. The information presented was provided by the applicant in its permit application. Also listed in this section are the insignificant activities based on size or production rate.

### 5.1 Wood Processing and Handling

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 wood processing and handling are uncontrolled. Hazardous air pollutants (HAP) emissions from the process are controlled by limiting the HAP content of coatings, thinners, and cleaning materials used in the coating and gluing operation.

Table 5.1 lists the emissions units and control devices associated with Wood Processing and Handling.

**Table 5.1 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  |

## 5.2 Coating and Gluing

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

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.

## 5.3 Printing

The following is a narrative description of the printing operations regulated in this Tier I operating permit.

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.

## 5.4 Emergency Generator Engine

The following is a narrative description of the printing operations regulated in this Tier I operating permit.

MWI maintains one Kohler Power System, Model 230 compression ignition engine onsite for emergency purposes with a rated capacity of 347 brake horse power.

Emissions from the generator engine are uncontrolled.

## 5.5 Insignificant Emissions Units Based on Size or Production Rate

No emissions unit or activity subject to an applicable requirement may qualify as an insignificant emissions unit or activity. As required by IDAPA 58.01.01.317.01.b, insignificant emissions units (IEU's) based on size or production rate must be listed in the permit application. Table 5.2 lists the IEU's identified in the permit application. Also summarized is the regulatory authority or justification for each IEU.

**Table 5.2 INSIGNIFICANT EMISSION UNITS AND REGULATORY AUTHORITY/JUSTIFICATION**

| Emissions Unit/Activity  | Regulatory Authority/Justification |
|--|------------------------------------|
| 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)     |
| <b>Welding</b>   | IDAPA 58.01.01.317.01.b.i.(9)      |

## 5.6 Non-applicable Requirements for Which a Permit Shield is Requested

This section of the permit lists the regulations for which the facility has requested, and DEQ proposes to grant, a permit shield pursuant to IDAPA 58.01.01.325. The findings on which this shield is based are presented below:

- Requirements for Which a Permit Shield Will Be Granted

The facility has not requested any permit shields as a result of this permit renewal.

- Requirements for Which a Permit Shield Will Not Be Granted

The facility has not requested any permit shields as a result of this permit renewal.

## 5.7 Emissions Inventory

Table 5.3 summarizes the emissions inventory for this major facility. All values are expressed in units of tons-per-year and represent the facility's potential to emit. Potential to emit is defined as the maximum capacity of a facility or stationary source to emit an air pollutant under its physical and operational design. Any physical or operational limitation on the capacity of the facility or source to emit an air pollutant, including air pollution control equipment and restrictions on hour of operation or on the type or amount of material combusted, stored or processed shall be treated as part of its design if the limitation or the effect it would have on emission is state or federally enforceable.

Listed below Table 5.3 are the references for the emission factors used to estimate the emissions. The documentation provided by the applicant for the emissions inventory and emission factors is provided in the renewed Tier I operating permit application – refer to Section 3 (Emission Inventory) of the application submitted to DEQ on March 2, 2012.

Table 5.3 EMISSIONS INVENTORY - POTENTIAL TO EMIT (T/yr)

| Source Description            | PM <sub>10</sub><br>T/yr | NO <sub>x</sub><br>T/yr | SO <sub>2</sub><br>T/yr | CO<br>T/yr | VOC<br>T/yr | Lead<br>T/yr | HAP<br>T/yr | GHG CO <sub>2</sub> e<br>T/yr |
|-------------------------------|--------------------------|-------------------------|-------------------------|------------|-------------|--------------|-------------|-------------------------------|
| Baghouses and Cyclones        | 4.11                     | --                      | --                      | --         | --          | --           | --          | --                            |
| Coating, Gluing, and Printing | --                       | --                      | --                      | --         | 813.6       | --           | < 25        | --                            |
| Diesel Generator Engine       | 0.19                     | 2.69                    | 0.18                    | 0.58       | 0.22        | --           | N/A         | 99.8                          |
| <b>Total Emissions</b>        | 4.30                     | 2.69                    | 0.18                    | 0.58       | 813.6       | --           | < 25        | 99.8                          |

## 6. EMISSIONS LIMITS AND MRRR

This section contains the applicable requirements for this major facility. Where applicable, monitoring, recordkeeping and reporting requirements (MRRR) follow the applicable requirement and state how compliance with the applicable requirement is to be demonstrated.

This section is divided into several subsections. The first subsection lists the requirements that apply facility wide. The next subsection lists the emissions units- and emissions activities-specific applicable requirements. The final subsection contains the general provisions that apply to all major facilities subject to Idaho DEQ's Tier I operating permit requirements.

This section contains the following subsections:

- Facility-Wide Conditions;
- Coating and Gluing Emissions Limits;
- Printing Emissions Limits;

- Subpart QQQQ – National Emission Standards for Hazardous Air Pollutants: Surface Coating of Wood Building Products Emissions Limits;
- Subpart KK – National Emission Standards for Printing and Publishing Industry Emissions Limits; and
- Tier I Operating Permit General Provisions.

### ***MRRR***

Immediately following each applicable requirement (permit condition) is the periodic monitoring regime upon which compliance with the underlying applicable requirement is demonstrated. A periodic monitoring regime consists of monitoring, recordkeeping and reporting requirements for each applicable requirement. If an applicable requirement does not include sufficient monitoring, recordkeeping and reporting to satisfy IDAPA 58.01.01.322.06, 07, and 08, then the permit must establish adequate monitoring, recordkeeping and reporting sufficient to yield reliable data from the relevant time period that are representative of the source's compliance with the permit. This is known as gap filling. In addition to the specific MRRR described under each permit condition, generally applicable facility-wide conditions and general provisions may also be required, such as monitoring, recordkeeping, performance testing, reporting, and certification requirements.

The discussion of each permit condition includes the legal and factual basis for the permit condition. If a permit condition was changed due to facility draft or public comments, a description of why and how the condition was changed is provided.

### ***State Enforceability***

An applicable requirement that is not required by the federal CAA and has not been approved by EPA as a SIP-approved requirement is identified as a "State-only" requirement and is enforceable only under state law. State-only requirements are not enforceable by the EPA or citizens under the CAA. State-only requirements are identified in the permit within the citation of the legal authority for the permit condition.

### ***Federal Enforceability***

Unless identified as "State-only," all applicable requirements, including MRRR, are state and federally enforceable. It should be noted that while a violation of a MRRR is a violation of the permit, it is not necessarily a violation of the underlying applicable requirement (e.g. emissions limit).

To minimize the length of this document, the following permit conditions and MRRR have been paraphrased. Refer to the permit for the complete requirements.

## **6.1 Facility-Wide Conditions**

### **Permit Condition 3.2 - Fugitive Dust**

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]

### **MRRR (Permit Conditions 3.3 through 3.5)**

- Monitor and maintain records of the frequency and the methods used to control fugitive dust emissions;
- Maintain records of all fugitive dust complaints received and the corrective action taken in response to the complaint;
- Conduct facility-wide inspections of all sources of fugitive emissions. If any of the sources of fugitive dust are not being reasonably controlled, corrective action is required.

[IDAPA 58.01.01.322.06, 07, 08, 4/5/2000]

### **Permit Condition 3.6 - Odors**

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]

### **MRRR (Permit Condition 3.7)**

- Maintain records of all odor complaints received and the corrective action taken in response to the complaint;
- Take appropriate corrective action if the complaint has merit, and log the date and corrective action taken.

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

### **Permit Condition 3.8 - Visible Emissions**

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, nitrogen oxides, 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]

### **MRRR (Permit Condition 3.9 through 3.10)**

- Conduct facility-wide inspections of all emissions units subject to the visible emissions standards (or rely on continuous opacity monitoring);
- If visible emissions are observed, take appropriate corrective action and/or perform a Method 9 opacity test;
- Maintain records of the results of each visible emissions inspection.

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

### **Permit Conditions 3.11 through 3.15 - Excess Emissions**

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 and the regulations of IDAPA 58.01.01.130-136.

### **MRRR (Permit Conditions 3.11 through 3.15)**

Monitoring, recordkeeping and reporting requirements for excess emissions are provided in Sections 131 through 136.

- Take appropriate action to correct, reduce, and minimize emissions from excess emissions events;
- Prohibit excess emissions during any DEQ Atmospheric Stagnation Advisory or Wood Stove Curtailment Advisory;
- Notify DEQ of each excess emissions events as soon as possible, including information regarding upset, breakdown, or safety events.
- Submit a report for each excess emissions event to DEQ.
- Maintain records of each excess emissions event.

### **Permit Condition 3.16 – Fuel-Burning Equipment PM Standards**

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]

## **MRRR**

No specific monitoring is required for this facility-wide condition. As with all permit conditions, the permittee must certify compliance with this condition annually, which includes making a reasonable inquiry to determine if this requirement was met during the reporting period.

### **Permit Condition 3.17 - Sulfur Content Limits**

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<sub>2</sub> 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]

### **MRRR - (Permit Condition 3.18)**

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

[IDAPA 58.01.01.322.06, 5/1/94]

### **Permit Condition 3.19 - Open Burning**

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]

## **MRRR**

No specific monitoring is required for this facility-wide condition. As with all permit conditions, the permittee must certify compliance with this condition annually, which includes making a reasonable inquiry to determine if this requirement was met during the reporting period.

### **Permit Condition 3.20 - Asbestos**

The permittee shall comply with all applicable portions of 40 CFR 61, Subpart M when conducting any renovation or demolition activities at the facility.

[40 CFR 61, Subpart M]

## **MRRR**

No specific monitoring is required for this facility-wide condition. As with all permit conditions, the permittee must certify compliance with this condition annually, which includes making a reasonable inquiry to determine if this requirement was met during the reporting period.

### **Permit Condition 3.21 - Accidental Release Prevention**

An owner or operator 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)]

## **MRRR**

No specific monitoring is required for this facility-wide condition. As with all permit conditions, the permittee must certify compliance with this condition annually, which includes making a reasonable inquiry to determine if this requirement was met during the reporting period.

### **Permit Condition 3.22 - Recycling and Emissions Reductions**

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]

## **MRRR**

No specific monitoring is required for this facility-wide condition. As with all permit conditions, the permittee must certify compliance with this condition annually, which includes making a reasonable inquiry to determine if this requirement was met during the reporting period.

### **Permit Condition 3.23 - NESHAP 40 CFR 63, Subpart A - General Provisions**

This facility is subject to NESHAP Subparts QQQQ, KK, ZZZZ, and is therefore required to comply with applicable General Provisions, Subpart A.

[40 CFR 60, Subpart A]

## **MRRR**

No specific monitoring is required for this facility-wide condition. As with all permit conditions, the permittee must certify compliance with this condition annually, which includes making a reasonable inquiry to determine if this requirement was met during the reporting period.

### **Permit Condition 3.24 - Monitoring and Recordkeeping**

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]

## **MRRR**

No specific monitoring is required for this facility-wide condition. As with all permit conditions, the permittee must certify compliance with this condition annually, which includes making a reasonable inquiry to determine if this requirement was met during the reporting period.

### **Permit Conditions 3.25 through 3.28 - Performance Testing**

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.

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]

#### **MRRR**

The permittee shall submit compliance test report(s) to DEQ following testing.

#### **Permit Condition 3.31 - Reports and Certifications**

This permit condition establishes generally applicable MRRR for submittal of reports, certifications, and notifications to DEQ and/or EPA as specified.

[IDAPA 58.01.01.322.08, 11, 5/1/94]

#### **MRRR**

No specific monitoring is required for this facility-wide condition. As with all permit conditions, the permittee must certify compliance with this condition annually, which includes making a reasonable inquiry to determine if this requirement was met during the reporting period.

#### **Permit Condition 3.32 - Incorporation of Federal Requirements by Reference**

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.

[IDAPA 58.01.01.107, 4/7/11]

#### **MRRR**

No specific monitoring is required for this facility-wide condition. As with all permit conditions, the permittee must certify compliance with this condition annually, which includes making a reasonable inquiry to determine if this requirement was met during the reporting period.

### **6.2 Emissions Unit - Specific Emissions Limits and MRR**

This section of the statement of basis contains the emissions limits, emissions standards, and the monitoring, recordkeeping and reporting requirements (MRRR) for this facility. The regulatory authority to impose the permit conditions is included in the permit and is also listed below each permit condition as a regulatory citation. These permit conditions are the applicable requirements for this facility.

According to the Tier I operating permit renewal application no changes have occurred at the facility that would have increased the facility's emissions during the previous Tier I operating permit term. Thus, for this section of the statement of basis DEQ staff has used the same regulatory analysis from the existing previous Tier I operating permit that was issued to WMI on July 6, 2007. There is, however, a slight change in the regulatory analysis in this statement of basis to reflect changes to DEQ's most current Tier I operating permit template and also to reflect any amendment to the applicable MACT Subpart QQQQ and KK requirements since the issuance of the currently existing Tier I operating permit to the facility. For this permitting action, the Subpart KK applicable requirements existing in the current permit are revised to include only the applicability, recordkeeping and reporting requirements of that subpart because the permittee is an area source for HAP emissions, as specified in the Tier II/PTC No. T2-020024, issued on July 6, 2007. For more information on the MACT applicability of Subpart KK, please refer to Section 7.6 of this SoB for 40 CFR 63 Subpart KK.

Also, permit requirements associated with 40 CFR 63 Subpart ZZZZ are included in the renewed permit for the standby emergency IC engine generator.

## **Wood Processing and Handling**

**Permit Condition 4.2 – Visible emission**, this permit condition limits the visible emissions to 20% opacity, as specified in Permit Condition 3.8, pursuant to IDAPA 58.01.01.625

### **MRRR - (Permit Condition 3.9)**

Compliance with this permit condition is determined through the facility-wide permit condition 3.9.

**Permit Condition 4.3 – General Compliance Requirements**, this permit condition requests the permittee to operate all the baghouses and the cyclones listed in Table 4.1 of the permit at all times when the prefinish and millwork processes are operating.

## **Coating and Gluing**

**Permit Condition 5.1 – HAP Emission Limits**, this permit condition limits the HAP emission limits from the entire facility to less than 10 tons per any consecutive 12-calendar month period (T/yr) for a single HAP and to less than 25 tons per any consecutive 12-calendar month period for any combination of HAPs.

This permit condition also limits the acetaldehyde and the formaldehyde from the entire facility to less than 0.148 and 0.048 pounds per hour, respectively.

**Permit Condition 5.2 – VOC Emission Limits**. The permittee is required to limit the VOC emissions from the entire facility to less than 813.6 tons per year.

### **MRRR - (Permit Conditions 5.3-5.7)**

Compliance with the permit condition is determined by Permit Conditions 5.3 through 5.7.

## **Printing**

**Permit Condition 6.1 – HAP Emission Limits**, this permit condition limits the HAP emission limits from the entire facility to less than 10 tons per any consecutive 12-calendar month period (T/yr) for a single HAP and to less than 25 tons per any consecutive 12-calendar month period for any combination of HAPs.

This permit condition also limits the acetaldehyde and the formaldehyde from the entire facility to less than 0.148 and 0.048 pounds per hour, respectively.

**Permit Condition 6.2 – VOC Emission Limits**. The permittee is required to limit the VOC emissions from the entire facility to less than 813.6 tons per year.

### **MRRR - (Permit Conditions 6.3-6.8)**

Compliance with the permit condition is determined by Permit Conditions 6.3 through 6.8.

## **6.3 General Provisions**

Unless expressly stated, there are no MRRR for the general provisions.

### **General Compliance, Duty to Comply**

The permittee must comply with the terms and conditions of the permit.

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

### **General Compliance, Need to Halt or Reduce Activity Not a Defense**

The permittee cannot use the fact that it would have been necessary to halt or reduce an activity as a defense in an enforcement action.

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

### **General Compliance, Duty to Supplement or Correct Application**

The permittee must promptly submit such supplementary facts or corrected information upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit

application. The permittee must also provide information as necessary to address any new requirements that become applicable after the date a complete application has been filed but prior to the release of a draft permit.

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

### **Reopening, Additional Requirements, Material Mistakes, Etc.**

This term lists the instances when the permit must be reopened and revised, including times when additional requirements become applicable, when the permit contains mistakes, or when revision or revocation is necessary to assure compliance with applicable requirements.

[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)]

### **Reopening, Permitting Actions**

This term discusses modification, revocation, reopening, and/or reissuance of the permit for cause. If the permittee files a request to modify, revoke, reissue, or terminate the permit, the request does not stay any permit condition, nor does notification of planned changes or anticipated noncompliance.

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

### **Property Rights**

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**

The permittee must furnish, within a reasonable time to DEQ, any information, including records required by the permit, that is requested 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)]

### **Information Requests, Confidential Business Information**

Upon request, the permittee must 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**

If any provision of the permit is held to be invalid, all unaffected provisions of the permit will remain in effect and enforceable.

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

### **Changes Requiring Permit Revision or Notice**

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 must 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), and 70.7(d), (e)]

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 CAA, 42 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, 7/1/02; IDAPA 58.01.01.209.05, 4/11/06; 40 CFR 70.4(b)(14) and (15)]

### **Federal and State Enforceability**

All permit conditions are federally enforceable unless specified in the permit as a state or local only requirement. State and local only requirements are not required under the CAA and are not enforceable by EPA or by citizens.

[IDAPA 58.01.01.322.15.j, 5/1/94; IDAPA 58.01.01.322.15.k, 3/23/98; Idaho Code §39-108; 40 CFR 70.6(b)(1), (2)]

### **Inspection and Entry**

Upon presentation of credentials, the facility 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**

The permittee must continue to comply with all applicable requirements and must comply with new requirements 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**

The owner or operator of a Tier I source 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**

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**

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 owner or operator 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)]

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

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 an owner or operator of a source 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, 325.01, 5/1/94; IDAPA 58.01.01.325.02, 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

- 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

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

- Compliance certifications for all emissions units shall be submitted annually unless otherwise specified;
- All original compliance certifications shall be submitted to DEQ and a copy of all compliance certifications shall be submitted to the EPA.

### **False Statements**

The permittee may not 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**

The permittee may not 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.**

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 as specified.

[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**

Each and every applicable requirement, including MRRR, is subject to prompt deviation reporting. Deviations due to excess emissions must be reported in accordance Sections 130-136. All instances of deviation from Tier I operating permit requirements must be included in the deviation reports. The reports must describe the probable cause of the deviation and any corrective action or preventative measures taken. Deviation reports must be submitted at least every six months unless the permit specifies a different time period as required by IDAPA 58.01.01.322.08.c. Examples of deviations include, but are not limited to, the following:

- Any situation in which an emissions unit fails to meet a permit term or condition
- Emission control device does not meet a required operating condition
- Observations or collected data that demonstrate noncompliance with an emissions standard
- Failure to comply with a permit term that requires a report

[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, Emissions Trading**

No permit revision will 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**

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)]

## **7. REGULATORY REVIEW**

### **7.1 Attainment Designation (40 CFR 81.313)**

The facility is located in Payette county which is designated as attainment or unclassifiable for PM<sub>10</sub>, PM<sub>2.5</sub>, CO, NO<sub>2</sub>, SO<sub>2</sub>, and Ozone. Reference 40 CFR 81.313.

**7.2 Title V Classification (IDAPA 58.01.01.300, 40 CFR Part 70)**

The facility-wide emissions from this facility have a potential to emit greater than 100 tons per year for VOC as demonstrated previously in the Emissions Inventory Section of this analysis. Therefore, this facility is classified as a major facility, as defined in IDAPA 58.01.01.008.10, and is subject to Tier I permitting requirements.

**7.3 PSD Classification (40 CFR 52.21)**

The facility is a major facility for the purposes of the federal prevention of significant deterioration (PSD) program as referenced by IDAPA 58.01.01.205 because the facility emits or has the potential to emit a regulated criteria air pollutant in amounts greater than or equal to the major threshold criteria of 250 T/yr.

**7.4 NSPS Applicability (40 CFR 60)**

The facility is not subject to any NSPS requirements 40 CFR Part 60.

**7.5 NESHAP Applicability (40 CFR 61)**

The facility is not subject to any National Emission Standards for Hazardous Air Pollutants (NESHAP) requirements in 40 CFR 61.

**7.6 MACT Applicability (40 CFR 63)**

**40 CFR 63 Subpart OOOO , National Emission Standards for Hazardous Air Pollutants (NESHAPS): Surface Coating of Wood Building Products**

This subpart 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 continuous compliance with the emission limitations.

40 CFR 63.4681 Am I subject to this subpart?

In accordance with 40 CFR 63.4681(a) and (b), the requirements of this subpart apply to this permittee because the permittee owns or operates an existing, surface coating of wood building products facility that is located at a major source of HAP emissions, and had used 1,110 gallons per year of coatings.

40 CFR 63.4682 What parts of my plant does this subpart cover

In accordance with 40 CFR 63.4682(a) and (e), the permittee is subject to this subpart because it is an existing facility. 40 CFR 63.4682(b) applies to the permittee.

40 CFR 63.4683 When do I have to comply with this subpart?

The permittee is an existing facility subject to the compliance date (3 years after May 28, 2003) given in 40 CFR 63.4683(b). The compliance date is May 28, 2006. The permittee is also subject to the notification requirements of 40 CFR 63.4683(d).

40 CFR 63.4690 What emission limits must I meet?

40 CFR 63.4690(b) applies to the permittee because it is an existing source. Specifically, the permittee has chosen to demonstrate compliance with the rolling 12-month emission rate limit of 1.93 lb HAP/gal solids of Table 2 using the compliant materials or emission rate without add-on controls options in 40 CFR 63.4741 and 40 CFR 63.4751, respectively. 40 CFR 63.4690(c) generally applies to the permittee.

40 CFR 63.4691 What are my options for meeting the emission limits?

In accordance with 40 CFR 63.4691, the permittee may use the compliant material, emission rate without add-on controls, and emission rate with add-on controls options provided in this section to demonstrate compliance with 40 CFR 63.4690(b). At the request of the permittee, this permit contains the compliant material and emission rate without add-on controls options for demonstrating compliance with 40 CFR 63.4690. The permittee may apply either 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, the permittee may not use different compliance options at the same time on the same coating operation. If the facility switches 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.

40 CFR 63.4692           What operating limits must I meet?

The permittee is not required to meet any operating limits because it has chosen to use the compliant material option or the emission rate without add-on controls option for any of the coating operations which it uses.

40 CFR 63.4693           What work practice standards must I meet?

The permittee is not required to meet any work practice standards because it has chosen to use the compliant material option or the emission rate without add-on controls option to demonstrate compliance with.

40 CFR 63.4700           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 because it has chosen the compliant material option or the emission rate without add-on controls option to demonstrate compliance with the emission rate limit. In accordance with 40 CFR 63.4700(b), the permittee must also operate and maintain the affected source according to the provisions in 40 CFR 63.6(e)(1)(i).

40 CFR 63.4701           What parts of the General Provisions apply to me?

The permittee must comply with the applicable General Provisions of 40 CFR 63.1 through 63.15 listed in Table 4 of Subpart QQQQ that applies to it.

40 CFR 63.4710           What notifications must I submit?

In accordance with 40 CFR 63.4710(a), the permittee must submit the notifications in 40 CFR 63.7(b) and (c), 63.8(f)(4), and 63.9(b) through (e) and (h) that apply by the dates specified in those sections, except as provided in 40 CFR 63.4710(b) and 40 CFR 63.4710(c) of this section. In accordance with 40 CFR 63.4710(b) and because the permittee is considered an existing source, the permittee must submit the initial notification no later than 120 days after May 28, 2003. In accordance with Table 4 to Subpart QQQQ and 40 CFR 63.4710(c), you must submit the Notification of Compliance Status required by 40 CFR 63.9(h) no later than 30 calendar days following the end of the initial compliance period described in 40 CFR 63.4740, 40 CFR 63.4750, or 40 CFR 63.4760 that applies to your affected source. 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 63.4720           What reports must I submit?

Semiannual compliance reports must be submitted in accordance with 40 CFR 63.4720(a). 40 CFR 63.4720(b) and (c) do not apply to the permittee because it has chosen to not use the emission rate with add-on controls option.

40 CFR 63.4730           What records must I keep?

The requirements of 40 CFR 63.4730(a) through (c)(3) apply to the permittee because it has chosen to use the compliant material and emission rate without add-on controls options. The requirements of 40 CFR 63.4730 (c)(4)(i) through (v) and (k) do not apply to the permittee because the permittee has chosen not to use the emission rate with add-on controls option. 40 CFR 63.4730(d) through (f) and (j) generally apply to the permittee. The requirements of 40 CFR 63.4730(g) through (h) apply to the permittee because it has chosen to use the compliant material and emission rate without add-on controls options.

40 CFR 63.4731           In what form and for how long must I keep my records?

The requirements of 40 CFR 63.4731(a) through (c) apply to the permittee.

40 CFR 63.4740           By what date must I conduct the initial compliance demonstration?

In accordance with 40 CFR 63.4740, the permittee must complete the initial compliance demonstration for the initial compliance period as specified in this section. The initial compliance period begins on the applicable compliance date specified in 40 CFR 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 40 CFR 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 40 CFR 63.4690, and that you used no thinners or cleaning materials that contained organic HAP.

40 CFR 63.4741      How do I demonstrate initial compliance with the emission limitations?

40 CFR 63.4741 presents the requirements for demonstrating initial compliance with the emission limits in 40 CFR 63.4690(b) using the compliance material option. 40 CFR 63.4741 and 40 CFR 63.4741(a) through (e) apply to the permittee because it has stated that it will use the compliant material option to demonstrate compliance with the emission limits of 40 CFR 63.4690(b).

40 CFR 63.4742      How do I demonstrate continuous compliance with the emission limitations?

40 CFR 63.4742 presents the requirements for demonstrating continuous compliance with the emission limits in 40 CFR 63.4690(b) using the compliance material option. 40 CFR 63.4741 and 40 CFR 63.4742(a) through (d) apply to the permittee because it has stated that it will use the compliant material option to demonstrate compliance with the emission limits of 40 CFR 63.4690(b).

40 CFR 63.4750      By what date must I conduct the initial compliance demonstration?

In accordance with 40 CFR 63.4750, the permittee must complete the initial compliance demonstration for the initial compliance period as specified in this section. The initial compliance period begins on the applicable compliance date specified in 40 CFR 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 permittee 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 40 CFR 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 40 CFR 63.4690(b).

40 CFR 63.4751      How do I demonstrate initial compliance with the emission limitations?

40 CFR 63.4751 presents the requirements for demonstrating initial compliance with the emission limits using the emission rate without add-on controls option. Also, in accordance with 40 CFR 63.4751, any coating operation for which the permittee uses the emission rate without add-on controls option is not required to meet the operating limits or work practice standards required in 40 CFR 63.4692 and 63.4693, respectively. 40 CFR 63.4751 and 40 CFR 63.4751(a) through (h) apply to the permittee because it has stated that it will use the emission rate without add-on controls option to demonstrate compliance with the emission limits of 40 CFR 63.4690(b).

40 CFR 63.4752      How do I demonstrate continuous compliance with the emission limitations?

40 CFR 63.4752 presents the requirements for demonstrating continuous compliance with the emission limits in 40 CFR 63.4690(b) using the compliance material option. 40 CFR 63.4741 and 40 CFR 63.4751(a) through (h) apply to the permittee because it has stated that it will use the compliant material option to demonstrate compliance with the emission limits found in 40 CFR 63.4690(b).

40 CFR 63.4760      By what date must I conduct the initial compliance demonstration?

The requirements of 40 CFR 63.4760 pertain to demonstrating initial compliance using the emission rate with add-on controls option. 40 CFR 63.4760 does not apply because the permittee has chosen to use the compliant material and emission rate without add-on controls options to demonstrate compliance with 40 CFR 63.4690(b).

40 CFR 63.4761 How do I demonstrate initial compliance with the emission limitations?

The requirements of 40 CFR 63.4760 pertain to demonstrating initial compliance using the emission rate with add-on controls option. 40 CFR 63.4760 does not apply because the permittee has chosen to use the compliant material and emission rate without add-on controls options to demonstrate compliance with 40 CFR 63.4690(b).

40 CFR 63.4762 [Reserved]

40 CFR 63.4762 does not apply to the permittee.

40 CFR 63.4763 How do I demonstrate continuous compliance with the emission limitations?

The requirements of 40 CFR 63.4763 pertain to demonstrating continuous compliance using the emission rate with add-on controls option. 40 CFR 63.4763 does not apply because the permittee has chosen to use the compliant material and emission rate without add-on controls options to demonstrate compliance with 40 CFR 63.4690(b).

40 CFR 63.4764 What are the general requirements for performance tests?

The requirements of 40 CFR 63.4764 pertain to performance tests required by 40 CFR 63.4760. 40 CFR 63.4760 & 40 CFR 63.4763 do not apply to the permittee because the permittee has chosen to use the compliant material and emission rate without add-on controls options to demonstrate compliance with 40 CFR 63.4690(b).

40 CFR 63.4765 How do I determine the emission capture system efficiency?

40 CFR 63.4765 does not apply to the permittee because it does not operate an add-on control device.

40 CFR 63.4766 How do I determine the add-on control device emission destruction or removal efficiency?

40 CFR 63.4766 does not apply to the permittee because it does not operate an add-on control device.

40 CFR 63.4767 How do I establish the emission capture system and add-on control device operating limits during the performance test?

40 CFR 63.4767 does not apply to the permittee because it does not operate an add-on control device.

40 CFR 63.4768 How do I establish the emission capture system and add-on control device operating limits during the performance test?

40 CFR 63.4768 does not apply to the permittee because it does not operate a thermal oxidizer, catalytic oxidizer, condenser, concentrator, carbon adsorber or emission capture system.

40 CFR 63.4780 Who implements and enforces this subpart?

This section does not apply to the facility.

40 CFR 63.4781 What definitions apply to this subpart?

The definitions of this section apply to the facility.

#### **40 CFR 63 Subpart KK, NESHAP for the Printing and Publishing Industry**

This subpart establishes compliance options, operating requirements, and work practice requirements for hazardous air pollutants (HAP) emitted from existing and new facilities at which publication rotogravure, product and packaging rotogravure, or wide-web flexographic printing presses are operated manufacturing facilities that are a major source of HAP emissions. This subpart also establishes requirements to demonstrate initial and continuous compliance with the compliance options, operating requirements, and work practice requirements for printing and publishing facilities that are a major source of HAP emissions. The requirements of this subpart which pertain to product and packaging rotogravure, or wide-web flexographic printing presses apply to this facility because the facility performs rotogravure

printing on substrate which is applied to products manufactured at facility and facility-wide HAP emissions of the facility had exceeded major source thresholds at one time. The facility became an area source for HAP emissions after the compliance date of Subpart KK, which is May 30, 1996. Therefore, Subpart KK applies to the facility under the EPA policy, which is known "once in always in".

However, the facility had established an area source status and obtained from DEQ a Tier II/PTC No. T2-020024, issued on July 6, 2007. In accordance with 40 CFR 63.820(a)(2), "a facility which establishes area source through some other mechanism, as described in paragraph (a)(7) of section 40 CFR 63.820, is not subject to the provisions of MACT Subpart KK." Furthermore, paragraph (a)(7) of Section 63.820 states "Nothing in paragraph (a)(7) is intended to preclude a facility from establishing area source status by limiting its potential to emit through other appropriate mechanism that may be available through the permitting authority."

40 CFR 63.820(3) states "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." Therefore, the only applicable requirements that apply to the facility with regard to Subpart KK are 40 CFR 63.829(d) and 40 CFR 63.830(b)(1); and these requirements are included in the renewed Tier I operating permit.

#### **40 CFR 63 Subpart ZZZZ, NESHAP for Stationary Reciprocating Internal Combustion Engines**

40 CFR 63 Subpart ZZZZ.....NESHAPS for Stationary Reciprocating Internal Combustion Engines

The facility has an existing emergency fire pump engine with a capacity of 347 bhp that is subject to National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines, 40 CFR 63, Subpart ZZZZ. The requirements of this subpart are included in the permit.

§ 63.6585 *Am I subject to this subpart?*

*You are subject to this Subpart if you own or operate a stationary RICE at a major or area source of HAP emissions, except if the stationary RICE is being tested at a stationary RICE test cell/stand.*

*(a) A stationary RICE is any internal combustion engine which uses reciprocating motion to convert heat energy into mechanical work and which is not mobile. Stationary RICE differs from mobile RICE in that a stationary RICE is not a non-road engine as defined at 40 CFR 1068.30, and is not used to propel a motor vehicle or a vehicle used solely for competition.*

*(c) An area source of HAP emissions is a source that is not a major source.*

WMI does operate a 347 bhp emergency fire pump periodically throughout the year and it is used in emergency situations only. In addition, the facility is an area source for HAPs as they are below the major source thresholds of 10 T/yr for any one federally regulated HAP and 25 T/yr for all HAPs combined. This is assured by Permit Condition 7.2 within the permit.

§ 63.6590 *What parts of my plant does this subpart cover?*

*This subpart applies to each affected source.*

*(a) Affected source. An affected source is any existing, new, or reconstructed stationary RICE located at a major or area source of HAP emissions, excluding stationary RICE being tested at a stationary RICE test cell/stand.*

*(1) Existing stationary RICE.*

*(iii) For stationary RICE located at an area source of HAP emissions, a stationary RICE is existing if you commenced construction or reconstruction of the stationary RICE before June 12, 2006.*

The engine located at WMI is considered existing as it was constructed before June 12, 2006.

§ 63.6595 *When do I have to comply with the subpart?*

*(a)(1) If you have an existing stationary RICE, excluding existing non-emergency CI stationary RICE, with a site rating of more than 500 brake HP located at a major source of HAP emissions, you must comply with the applicable emission limitations and operating limitations no later than June 15, 2007. If you have an existing non-emergency CI stationary RICE with a site rating of more than 500 brake HP located at a major source of HAP emissions, an existing stationary CI RICE with a site rating of less than or equal to 500 brake HP located at a major source of HAP emissions, or an existing stationary CI RICE located at an area source of HAP emissions, you must comply with the applicable emission limitations and operating limitations no later than May 3, 2013. If you have an existing stationary SI RICE with a site rating of less than or equal to 500 brake HP located at a major source of HAP emissions, or an existing stationary SI RICE located at an area source of HAP emissions, you must comply with the applicable emission limitations and operating limitations no later than October 19, 2013.*

The applicable IC engine must be in compliance with the Subpart no later than May 3, 2013.

*§ 63.6600 What emission limitations and operating limitations must I meet if I own or operate a stationary RICE with a site rating of more than 500 brake HP located at a major source of HAP emissions?*

The applicable IC engine is not operating at a major source for HAP emissions. Therefore there are no applicable emission and operating limitations under this section.

*§ 63.6601 What emission limitations must I meet if I own or operate a 4SLB stationary RICE with a site rating of greater than or equal to 250 brake HP and less than 500 brake HP located at a major source of HAP emissions?*

The applicable IC engine is not operating at a major source for HAP emissions and the engine is not a 4-stroke lean burn spark ignition. Therefore there are no applicable emission and operating limitations under this section.

*§ 63.6602 What emission limitations must I meet if I own or operate an existing stationary CI RICE with a site rating of equal to or less than 500 brake HP located at a major source of HAP emissions?*

The applicable IC engine is not operating at a major source for HAP emissions. Therefore there are no applicable emission and operating limitations under this section.

*§ 63.6603 What emission limitations and operating limitations must I meet if I own or operate an existing stationary RICE located at an area source of HAP emissions?*

*Compliance with the numerical emission limitations established in this Subpart is based on the results of testing the average of three 1-hour runs using the testing requirements and procedures in §63.6620 and Table 4 to this Subpart.*

*(a) If you own or operate an existing stationary CI RICE located at an area source of HAP emissions, you must comply with the requirements in Table 2d to this Subpart and the operating limitations in Table 2b to this Subpart which apply to you.*

Table 2b does not apply as it refers only to CI non-emergency engines greater than 500 bhp at area source facilities. Table 2d, however, identifies those limitations required by area sources to comply with the Subpart. The specifics of Table 2d require that the permittee perform regular maintenance on the applicable engine such as changing oil and filters every 500 operating hours, inspect air cleaner every 1,000 hours of operation and inspect all hoses and belts every 500 hours of operation. Each of the maintenance procedures shall occur at the indicated interval or annually, whichever occurs first.

*§ 63.6604 What fuel requirements must I meet if I own or operate an existing stationary CI RICE?*

*If you own or operate an existing non-emergency, non-black start CI stationary RICE with a site rating of more than 300 brake HP with a displacement of less than 30 liters per cylinder that uses diesel fuel, you must use diesel fuel that meets the requirements in 40 CFR 80.510(b) for nonroad diesel fuel. Existing non-emergency CI stationary RICE located in Guam, American Samoa, the Commonwealth of the Northern Mariana Islands, or at area sources in areas of Alaska not accessible by the FAHS are exempt from the requirements of this section.*

WMI operates an emergency engine; therefore this section does not apply to the facility.

*§ 63.6605 What are my general requirements for complying with this Subpart?*

*(a) You must be in compliance with the emission limitations and operating limitations in this Subpart that apply to you at all times.*

*(b) At all times you must operate and maintain any affected source, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. The general duty to minimize emissions does not require you to make any further efforts to reduce emissions if levels required by this standard have been achieved. Determination of whether such operation and maintenance procedures are being used will be based on information available to the Administrator which may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source.*

When operating the applicable IC engine, they be operated in a manner that is consistent with reducing emissions and compliance with appropriate limitations applies at all times.

*§ 63.6610 By what date must I conduct the initial performance tests or other initial compliance demonstrations if I own or operate a stationary RICE with a site rating of more than 500 brake HP located at a major source of HAP emissions?*

The engine located at WMI is not required to perform any performance tests and the applicable IC engine is not operating at a major source for HAP emissions. No testing is required in accordance with Table 2d of the subpart.

*§ 63.6611 By what date must I conduct the initial performance tests or other initial compliance demonstrations if I own or operate a new or reconstructed 4SLB SI stationary RICE with a site rating of greater than or equal to 250 and less than or equal to 500 brake HP located at a major source of HAP emissions?*

The engine located at WMI is not required to perform any performance tests and the applicable IC engine is not operating at a major source for HAP emissions. No testing is required in accordance with Table 2d of the subpart.

*§ 63.6612 By what date must I conduct the initial performance tests or other initial compliance demonstrations if I own or operate an existing stationary RICE with a site rating of less than or equal to 500 brake HP located at a major source of HAP emissions or an existing stationary RICE located at an area source of HAP emissions?*

The engine located at WMI is not required to perform any performance tests. No testing is required in accordance with Table 2d of the subpart.

*§ 63.6615 When must I conduct subsequent performance tests?*

The engine located at WMI is not required to perform any performance tests. No testing is required in accordance with Table 2d of the subpart.

*§ 63.6620 What performance tests and other procedures must I use?*

The engine located at WMI is not required to perform any performance tests. No testing is required in accordance with Table 2d of the subpart.

*§ 63.6625 What are my monitoring, installation, collection, operation, and maintenance requirements?*

*(e) If you own or operate any of the following stationary RICE, you must operate and maintain the stationary RICE and after-treatment control device (if any) according to the manufacturer's emission-related written instructions or develop 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:*

*(3) An existing emergency or black start stationary RICE located at an area source of HAP emissions;*

The applicable IC engine needs to be operated in accordance with manufacturer's specifications or a maintenance plan may be developed that is consistent with good air pollution control practices.

*(f) If you own or operate an existing emergency stationary RICE with a site rating of less than or equal to 500 brake HP located at a major source of HAP emissions or an existing emergency stationary RICE located at an area source of HAP emissions, you must install a non-resettable hour meter if one is not already installed.*

A non-resettable meter shall be installed if not previously installed.

*(h) If you operate a new, reconstructed, or existing stationary engine, you must 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.*

Idle startup time may not exceed 30 minutes. Applicable emissions standards must be met following the allowable 30 minutes.

*(i) If you own or operate a stationary CI engine that is subject to the work, operation or management practices in items 1 or 2 of Table 2c to this subpart or in items 1 or 4 of Table 2d to this subpart, you have the option of utilizing an oil analysis program in order to extend the specified oil change requirement in Tables 2c and 2d to this subpart. The oil analysis must be performed at the same frequency specified for changing the oil in Table 2c or 2d to this subpart. The analysis program must at a minimum analyze the following three parameters: Total Base Number, viscosity, and percent water content. The condemning limits for these parameters are as follows: Total Base Number is less than 30 percent of the Total Base Number of the oil when new; viscosity of the oil has changed by more than 20 percent from the viscosity of the oil when new; or percent water content (by volume) is greater than 0.5. If all of these condemning limits are not exceeded, the engine owner or operator is not required to change the oil. If any of the limits are exceeded, the engine owner or operator must change the oil within 2 days of receiving the results of the analysis; if the engine is not in operation when the results of the analysis are received, the engine owner or operator must change the oil within 2 days or before commencing operation, whichever is later. The owner or operator must 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. The analysis program must be part of the maintenance plan for the engine.*

This section allows WMI to develop their own oil analysis program to modify the oil changing frequency if the program meets all criteria set forth in subsection i of the subpart.

*§ 63.6630 How do I demonstrate initial compliance with the emission limitations and operating limitations?*

The applicable IC engine is designated as emergency, and it does not have any emission or operating limitations. Rather, maintenance requirements are specified in Table 2d of this subpart. Therefore, this section is not applicable.

*§ 63.6635 How do I monitor and collect data to demonstrate continuous compliance?*

The applicable IC engine is designated as emergency, and it does not have any emission or operating limitations. Rather, maintenance requirements are specified in Table 2d of this subpart. As a result data capture is not necessary. Therefore, this section is not applicable.

§ 63.6640 *How do I demonstrate continuous compliance with the emission limitations and operating limitations?*

*(a) You must demonstrate continuous compliance with each emission limitation and operating limitation in Tables 1a and 1b, Tables 2a and 2b, Table 2c, and Table 2d to this subpart that apply to you according to methods specified in Table 6 to this subpart.*

Section 9 of Table 6 of the subpart pertains to the emergency IC engine at WMI. Requirement work practices are accounted for within Permit Condition 7.5 of the associated permit.

*(f) Requirements for emergency stationary RICE. (1) If you own or operate an existing emergency stationary RICE with a site rating of less than or equal to 500 brake HP located at a major source of HAP emissions, a new or reconstructed emergency stationary RICE with a site rating of more than 500 brake HP located at a major source of HAP emissions that was installed on or after June 12, 2006, or an existing emergency stationary RICE located at an area source of HAP emissions, you must operate the emergency stationary RICE according to the requirements in paragraphs (f)(1)(i) through (iii) of this section. Any operation other than emergency operation, maintenance and testing, and operation in non-emergency situations for 50 hours per year, as described in paragraphs (f)(1)(i) through (iii) of this section, is prohibited. If you do not operate the engine according to the requirements in paragraphs (f)(1)(i) through (iii) of this section, the engine will not be considered an emergency engine under this subpart and will need to meet all requirements for non-emergency engines.*

*(i) There is no time limit on the use of emergency stationary RICE in emergency situations.*

*(ii) You may operate your emergency stationary RICE 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. The owner or operator may petition the Administrator for approval of additional hours to be used for maintenance checks and readiness testing, but 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.*

*(iii) You may operate your emergency stationary RICE 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. The 50 hours per year for non-emergency situations cannot be used for peak shaving or to generate income for a facility to supply power to an electric grid or otherwise supply power as part of a financial arrangement with another entity; except that owners and operators may operate the emergency engine for a maximum of 15 hours per year as part of a demand response program if the regional transmission organization or equivalent balancing authority and transmission operator has determined there are emergency conditions that could lead to a potential electrical blackout, such as unusually low frequency, equipment overload, capacity or energy deficiency, or unacceptable voltage level. The engine may not be operated for more than 30 minutes prior to the time when the emergency condition is expected to occur, and the engine operation must be terminated immediately after the facility is notified that the emergency condition is no longer imminent. The 15 hours per year of demand response operation are counted as part of the 50 hours of operation per year provided for non-emergency situations. The supply of emergency power to another entity or entities pursuant to financial arrangement is not limited by this paragraph (f)(1)(iii), as long as the power provided by the financial arrangement is limited to emergency power.*

The above requirements pertain specifically to emergency engines. Permit Condition 7.7 accounts for these requirements.

§ 63.6645 *What notifications must I submit and when?*

*(a) You must submit all of the notifications in §§63.7(b) and (c), 63.8(e), (f)(4) and (f)(6), 63.9(b) through (e), and (g) and (h) that apply to you by the dates specified if you own or operate any of the following;*

*(5) This requirement does not apply if you own or operate an existing stationary RICE less than 100 HP, an existing stationary emergency RICE, or an existing stationary RICE that is not subject to any numerical emission standards.*

This section of the subpart is not applicable to the engine at WMI because it is designated as emergency. 63.6645(a)(5) explicitly exempts emergency engines from this requirement.

§ 63.6650 *What reports must I submit and when?*

*(a) You must submit each report in Table 7 of this subpart that applies to you.*

All required reporting is specified in Table 7 of Subpart ZZZZ. However, Table 7 does not include any requirements for emergency engines. Therefore, this section of the subpart is not applicable to WMI.

§ 63.6655 *What records must I keep?*

*(e) You must keep 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 if you own or operate any of the following stationary RICE;*

*(2) An existing stationary emergency RICE.*

*(f) If you own or operate any of the stationary RICE in paragraphs (f)(1) or (2) of this section, you must keep records of the hours of operation of the engine that is recorded through the non-resettable hour meter. The owner or operator must document how many hours are spent for emergency operation, including what classified the operation as emergency and how many hours are spent for non-emergency operation. If the engines are used for demand response operation, the owner or operator must keep records of the notification of the emergency situation, and the time the engine was operated as part of demand response.*

*(2) An existing emergency stationary RICE located at an area source of HAP emissions that does not meet the standards applicable to non-emergency engines.*

WMI needs to maintain records demonstrating that the engine is being operated in accordance an appropriate maintenance plan. Records of operational hours from the non-resettable meter must also be kept. How many hours were spent in emergency situations and demand response. This requirement is established in Permit Condition 7.6.

§ 63.6660 *In what form and 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).*

*(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 readily accessible in hard copy or electronic form for at least 5 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record, according to §63.10(b)(1).*

Permit Condition 7.6 also accounts for these requirements.

New Permit Conditions: The NESHAP General Provisions and the Incorporation of Federal Requirements by Reference in Permit Condition 3.30. The permittee shall comply with all applicable requirements of 40 CFR 63 Subpart ZZZZ and all applicable general provisions of 40 CFR 63 Subpart. These permit conditions are new and are included in the permit because the MACT Subpart ZZZZ is applicable to the 347 bhp emergency fire pump engine that exists at the facility.

## **7.7 CAM Applicability (40 CFR 64)**

Individual permit units at facilities that are subject to Title V permitting requirements (Tier I permits) may be subject to the requirements of 40 CFR Part 64, Compliance Assurance Monitoring (CAM). 40 CFR Part 64 requires CAM for units that meet all of the following three criteria:

- 1) The unit must have an emission limit for the pollutant;
- 2) The unit must have add-on controls for the pollutant; these are devices such as flue gas recirculation (FGR), baghouses, and catalytic oxidizers, etc.; and
- 3) The unit must have a pre-control potential to emit of greater than the major source thresholds.

The wood processing and handling has cyclones and baghouses but there are no emission limits existing to the emissions units. Therefore, CAM does not apply to the emissions unit.

The coating and gluing process emits VOC, HAPs, and TAPs. However, there are no add-on control devices existing for the process; therefore, in accordance with 40 CFR 64.2, CAM is not applicable to this emissions unit.

The printing process emits VOC, HAPs, and TAPs. However, there are no add-on control devices existing for the process; therefore, in accordance with 40 CFR 64.2, CAM is not applicable to this emissions unit.

The diesel generator engine does not have an add-on control equipment; therefore, CAM is not applicable to this emissions unit.

#### **7.8 Acid Rain Permit (40 CFR 72-75)**

The facility is not an affected facility as defined in 40 CFR 72 through 75; therefore, acid rain permit requirements do not apply

### **8. PUBLIC COMMENT**

As required by IDAPA 58.01.01.364, a public comment period was made available to the public from October 3, 2012 to November 2, 2012. During this time, comments were not submitted in response to DEQ's proposed action.

### **9. EPA REVIEW OF PROPOSED PERMIT**

As required by IDAPA 58.01.01.366, DEQ provided the proposed permit to EPA Region 10 for its review and comment on November 13, 2012 via e-mail. On January 4, 2013, EPA notified DEQ in a letter that they will not be reviewing the proposed permit action and will not object to its issuance. In the letter EPA stated the following: "the permit is now eligible for issuance."

