

MASCO

C A B I N E T R Y

Masco Cabinetry LLC, 4600 Arrowhead Drive, Ann Arbor, MI 48105

May 26, 2011

Cindy Zhang-Torres, PE III
Air Permitting Manager
FDEP Southwest District
13051 N. Telecom Parkway
Temple Terrace, FL 33637-0926

E-mail: Cindy.Zhang-Torres@dep.state.fl.us

Re: Masco Cabinetry LLC - Ocala, FL
Title V Permit #0830137-05-AV - RENEWAL

Dept. Of Environmental Protection
JUN 03 2011
Southwest District

Dear Ms. Zhang-Torres:

This letter will confirm electronic submittal of our Title V permit renewal application in the Florida DEP's Electronic Permit Submittal and Processing System (EPSAP), as we've discussed recently.

The subject facility has been idled since the end of 2008, as documented by a routine annual report submitted on 02/23/2010. Thus, it is our understanding that a new permit term can be authorized for five years from the date that permitted emissions source operations were temporarily suspended in 2008. At this time, the facility is continuing to maintain and "dry cycle" this equipment with the hope that an improved market in the home building industry will allow the restarting of these operations in 2013. As shown by "Statement of Compliance" reports for each year from 2008 through 2010, this facility has consistently affirmed conformance with the terms of this Title V operating permit. The performance of Method 9 visible emissions testing on baghouses, as required by Condition A.4, will need to be addressed "as soon as practicable, but no later than 30 days after startup" per DEP's "Guidance Regarding Temporary Facility/Emissions Unit Shutdown and Start-up" (DARM-OGG-19). This facility has not been modified since our last submittal, so the equipment and emissions unit data provided previously are still valid and are referenced again for DEP's review; along with the enclosed "Summary of Applicable Requirements for Existing Emergency Fire Pump".

Accordingly, we request an expedited processing of this application, and stand ready to answer any questions that may be raised to facilitate renewal prior the August 30, 2011 permit expiration date. Please contact me at 734-205-4630 if there are any questions regarding this matter. Thank you,


Joe L. Green
Senior Environmental Engineer
Enclosure - Summary of Applicable Requirements - NESHAP Subpart ZZZZ

Summary of Applicable Requirements for Existing Emergency Fire Pump

The following regulatory applicability analysis delineates requirements as they apply to the following diesel fire pump at the Ocala facility (identified as an insignificant activity).

Ocala Facility Diesel Fire Pump
Manufacturer: Perkins
Model: 1791/2600
Serial No.: YB70326-U721784F
Rating: 140 hp at 2,350 rpm
Installed: 2000

The fire pump is not subject to the Standards of Performance for Stationary Compression Ignition (CI) Internal Combustion Engines under 40 CFR 60, Subpart IIII because the engine was constructed prior to July 11, 2005 and has not been modified or reconstructed since.

National Emissions Standards for Hazardous Air Pollutants (NESHAP) for Stationary Reciprocating Internal Combustion Engines (RICE) under 40 CFR 63, Subpart ZZZZ, was most recently revised August 20, 2010.¹ The revised rule applies to stationary RICE located at major and area sources of HAP emissions. Engines are classified as either existing or new stationary RICE based on the date that the engine was constructed or reconstructed. For a CI engine with a horsepower (hp) rating less than or equal to 500 hp at a major source of HAP emissions, a stationary RICE is 'existing' if the unit commenced construction or reconstruction prior to June 12, 2006 and 'new' if it commenced construction or reconstruction on or after this date.² The 140 hp diesel fire pump at Masco's Ocala facility (a major source of HAP) was installed in 2000 and has not been modified or reconstructed since this date. As such, the diesel fire pump is subject to the existing source requirements under Subpart ZZZZ.

Per 40 CFR §63.6595(a)(1), existing CI units less than or equal to 500 hp at major HAP sources must comply with the applicable limitations by May 3, 2013. The Ocala facility diesel fire pump meets the definition of an emergency engine³ and will comply with the following requirements after the May 3, 2013 compliance date:

¹ 75 FR 51588, August 20, 2010.

² 40 CFR §63.6590(a)(1)(ii).

³ Definition of *emergency stationary RICE* under 40 CFR § 63.6675.

Table 1. Summary of NESHAP Subpart ZZZZ Applicable Requirements to the Fire Pump

Notifications	None
During Startup	Minimize the engine's time spent at idle and minimize the engine's startup to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes [§63.6625(h)].
Work Practice Standards	Change oil and filter every 500 hours of operation or annually, whichever comes first OR use oil change analysis program to extend oil change frequencies per 40 CFR 63.6625(i)
	Inspect air cleaner every 1,000 hours of operation or annually, whichever comes first
	Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first [40 CFR 63, Subpart ZZZZ, Tables 2c]
Fuel Requirements (displacement <30 L/cyl.)	None
Operating Limitations	Maintenance and readiness checks limited to 100 hours/year [§63.6640(f)(1)(ii)]
	Can operate engine for 50 hours/year for non-emergency purposes, but counted toward 100 hours above. The 50 hours cannot be used to generate income for a facility, except that 15 hours/year is allowed as part of an emergency demand response program [§63.6640(1)(iii)].
Demonstrating Compliance	Operate and maintain the stationary RICE according to the manufacturer's emission-related operation and maintenance instructions,
	or Develop and follow your own maintenance plan which must provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions [§63.6625(e)], Install a non-resettable hour meter [§63.6625(f)].
Testing	None
Recordkeeping	Occurrence and duration of each malfunction [§63.6655(a)(2)] and actions taken to minimize emissions and restore malfunctioning equipment [§63.6655(a)(5)]
	All maintenance conducted [§63.6655(e)]
	Hours of operation, including number of hours spent for emergency operation, what classified operation as emergency, and number of hours spent for non-emergency operation. If used for demand response, records of the notification of emergency situation and time engine was operated as part of demand response [§63.6655(f)].
Reports	None



**Department of
Environmental Protection
Division of Air Resource
Management
APPLICATION FOR AIR PERMIT - LONG FORM
--- Detail Report ---**

Application not submitted. Data current as of 5/31/2011

Dept. Of Environmental Protection
JUN 03 2011
Southwest District

I. APPLICATION SECTION

APPLICATION IDENTIFICATION INFORMATION

Application Number: 2801-1
Application Name: MASCO CABINETRY - OCALA, FL 2011 TITLE V RENEWAL
Purpose of Application: TITLE V AIR OPERATION PERMIT RENEWAL.
Application Comment: Routine permit renewal, with no known operational changes. Facility was temporarily idled about 12/31/2008; and did not operate during 2009 and 2010. Permitted sources have been maintained in preparation for re-starting operations when justified by market demand, possibly in 2013. The company name and contacts have changed, as enclosed.

SCOPE OF APPLICATION

EU ID	Description	Permit Type
001	Lines 1-3: (3) identical manual application finishing lines	AV05
002	Line 4: manual application finishing line	AV05
003	Woodworking operations	AV05

Note: Submit any required permit application fee, which you must calculate according to 62-4.050(4), F. A. C.. Contact the appropriate Permitting Office if you have any questions.

APPLICATION CONTACT INFORMATION

First Name: JOSEPH
Last Name: GREEN
Job Title: Senior Environmental Engineer
Name of Organization/Firm: MASCO CABINETRY
Telephone: 734 - 205 - 4630
Fax:
E-mail: Joseph.Green@MascoCabinetry.com
Street Address: 4600 ARROWHEAD DRIVE

City: ANN ARBOR
State: MI
Zip: 48105

OWNER/AUTHORIZED REPRESENTATIVE INFORMATION

First Name:
Last Name:
Job Title:
Name of Organization/Firm:
Telephone:
Fax:

E-mail:
Street Address:

City:
State:
Zip:

RESPONSIBLE OFFICIAL INFORMATION

First Name: BOB
Last Name: TERHUNE
Primary RO? YES
Job Title: VP - Operations
Name of Organization/Firm: MASCO CABINETRY LLC
Telephone: 734 - 205 - 4600
Fax:
E-mail: Bob.Terhune@MascoCabinetry.com
Street Address: 4600 ARROWHEAD DRIVE

City: ANN ARBOR
State: MI
Zip: 48105

RO Qualification: For a corporation, the president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation, or a duly authorized representative of such person if the representative is responsible for the overall operation of one or more manufacturing, production, or operating facilities applying for or subject to a permit under Chapter 62-213, F.A.C.

PROFESSIONAL ENGINEER INFORMATION

PE UserName: MBALLENG
Registration Number: 69801
First Name: MICHAEL
Last Name: BALLENGER
Job Title: Managing Consultant
Name of Organization/Firm: TRINITY CONSULTANTS
Telephone: 407 - 514 - 2632
Fax:
E-mail: MBALLENG@TRINITYCONSULTANTS.COM
Street Address: 4767 NEW BROAD STREET

City: ORLANDO
State: FL
Zip: 32814

II. FACILITY SECTION**FACILITY IDENTIFICATION INFORMATION**

Facility ID: 0830137
Owner/Company Name: MASCO CABINETRY LLC (EFF. 1/1/2011)
Site Name: OCALA
Description of Location: Between SR 40 and SW 20th Street
Street Address: 1300 SW 38th Avenue
City: OCALA
County: MARION
ZIP: 34474
Relocatable: NO
Existing Title V Permitted Facility? YES
Facility Status: A - ACTIVE
Comment: Previous company names were: Masco Builder Cabinet Group (MBCG), and Merillat. Facility was temporarily idled about 12/31/08 - until market demand goes back up, per a 12/19/08 letter.

FACILITY LOCATION AND TYPE

Facility UTM Coordinates: Zone: 17 East(km): 384.47 North(km): 3227.92
Facility Latitude: Degrees: 29 Minutes: 10 Seconds: 28.732
Facility Longitude: Degrees: 82 Minutes: 11 Seconds: 17.1362
Facility SIC Codes: **Primary:** 2434 - LUMBER & WOOD PRODUCTS, EXCEPT FURNITURE
 MILLWORK, VENEER, PLYWOOD & STRUCTURAL WOOD
 WOOD KITCHEN CABINETS
Governmental Facility Code: 0 - NONE (NON-GOVERNMENTAL FACILITY)
Facility Status: A - ACTIVE
Facility Major Group SIC: 24 - LUMBER & WOOD PRODUCTS, EXCEPT FURNITURE

FACILITY CONTACT INFORMATION

First Name: SCOTT
Middle Name:
Last Name: TIFT
Name Suffix:
Job Title: Senior Project Engineer
Name of Organization/Firm: MASCO CABINETRY
Telephone: 517 - 442 - 9666
Fax:
E-mail: scott.tift@mascocabinetry.com
Street Address: 1300 SW 38TH AVENUE

City: OCALA
State: FL
Zip: 34474

FACILITY REGULATORY CLASSIFICATIONS

Small Business Stationary Source: Not Applicable
Synthetic Non-Title V Source: No
Title V Source: Yes
Major Source of Air Pollutants Other than Hazardous Air Pollutants (HAPs): Yes
Synthetic Minor Source of Air Pollutants Other than Hazardous Air Pollutants (HAPs): No
Major Source of Hazardous Air Pollutants (HAPs): Yes
Synthetic Minor Source of HAPs: No

One or More Emissions Units Subject to NSPS (40 CFR Part 60): No
One or More Emissions Units Subject to Emission Guidelines (40 CFR Part 60): No
One or More Emissions Units Subject to NESHAP (40 CFR Part 61 or Part 63): Yes
Title V Source by EPA Designation (40 CFR 70.3(a)(5)): No
Facility Regulatory Classifications Comment: Facility did not operate during 2009 and 2010, but equipment has been routinely serviced/tested by maintenance personnel in preparation for re-starting operations - perhaps in 2013.

FACILITY POLLUTANT INFORMATION						
Code	Description	Class.	Requested Emissions Cap		Basis for Emissions Cap	Comment
			(lb/hour)	(tons/year)		
HAPS	Total Hazardous Air Pollutants	A		415	OTHER	VOC and HAP are limited to: 249 tons for 001, and 166 tons for 002.
PM	Particulate Matter - Total	B				
PM10	Particulate Matter - PM10	B				
VOC	Volatile Organic Compounds	A		415	OTHER	VOC and HAP are limited to: 249 tons for 001, and 166 tons for 002.

FACILITY ADDITIONAL INFORMATION		
Additional Requirements for All Applications		
Description	Attachment?	
FACILITY PLOT PLAN Previously submitted? Yes Submittal Date:	Yes	
PROCESS FLOW DIAGRAM(s) Previously submitted? Yes Submittal Date:	Yes	
PRECAUTIONS TO PREVENT EMISSIONS OF UNCONFINED PARTICULATE MATTER Previously submitted? Yes Submittal Date:	Yes	
Additional Requirements for Air Construction Applications		
Description	Applicable?	Attachment?
AREA MAP SHOWING FACILITY LOCATION	No	No
DESCRIPTION OF PROPOSED CONSTRUCTION, MODIFICATION, or PLANTWIDE APPLICABILITY LIMIT (PAL)	No	No
RULE APPLICABILITY ANALYSIS	No	No
LIST OF EXEMPT EMISSIONS UNITS	No	No
FUGITIVE EMISSIONS IDENTIFICATION	No	No
AIR QUALITY ANALYSIS (RULE 62-212.400(7), F.A.C.)	No	No
SOURCE IMPACT ANALYSIS (RULE 62-212.400(5), F.A.C.)	No	No
AIR QUALITY IMPACT SINCE 1977 (RULE 62-212.400(4)(e), F.A.C.)	No	No
ADDITIONAL IMPACT ANALYSES (RULES 62-212.400(8) and 62-212.500(4)(e), F.A.C.)	No	No
ALTERNATIVE ANALYSIS REQUIREMENTS (RULE 62-212.500(4)(g), F.A.C.)	No	No
Additional Requirements for FESOP Applications		
Description	Applicable?	Attachment?
LIST OF EXEMPT EMISSIONS UNITS	No	No
Additional Requirements for Title V Air Operation Applications		
Description	Applicable?	Attachment?
LIST OF INSIGNIFICANT ACTIVITIES	Yes	Yes
IDENTIFICATION OF APPLICABLE REQUIREMENTS	Yes	Yes
COMPLIANCE REPORT AND PLAN	Yes	Yes
LIST OF EQUIPMENT/ACTIVITIES REGULATED UNDER TITLE VI Equipment/Activities On Site but Not Required to be Individually Listed? Yes	No	No

VERIFICATION OF RISK MANAGEMENT PLAN SUBMISSION TO EPA	No	Yes
REQUESTED CHANGES TO CURRENT TITLE V AIR OPERATION PERMIT	No	No
Additional Requirements for Facilities Subject to Acid Rain or CAIR		
Description	Applicable?	Attachment?
ACID RAIN PART APPLICATION (DEP FORM No.62-210.900)(1)(a) Previously submitted? No Submittal Date:	No	No
PHASE II NOx AVERAGING PLAN (DEP FORM No. 62-210.900(1)(a)1.) Previously submitted? No Submittal Date:	No	No
NEW UNIT EXEMPTION (DEP FORM No. 62-210.900(1)(a)2.) Previously submitted? No Submittal Date:	No	No
CAIR PART (DEP FORM No. 62-210.900(1)(b)) Previously submitted? No Submittal Date:	No	No
Other Information Regarding this Facility		
Description	Included?	Attachment?
OTHER FACILITY INFORMATION	Yes	Yes
Facility Additional Items Comment: Reference prior permit application: Ocala -2005 Title V Permit Renewal App.pdf		

FACILITY ATTACHMENTS				
Description	Electronic?	Attachment Description	Electronic File Name	Date Uploaded
COMPLIANCE REPORT AND PLAN	Yes	This facility, which was idled in 2009 - 2010, is in compliance with applicable air quality requirements, and when restarted, will be operated and maintained in compliance with state and federal rules and permit conditions.	MC Ocala, FL 2010 Annual Compliance Certification.pdf	3/3/2011
FACILITY PLOT PLAN	Yes	MC Ocala, FL 2011 Site Drawing.pdf	MC Ocala, FL 2011 Site Drawing.pdf	3/10/2011
IDENTIFICATION OF APPLICABLE REQUIREMENTS	Yes	MC Ocala, FL 2011 Site Drawing.pdf	MC Ocala, FL 2011 Site Drawing.pdf	3/10/2011
IDENTIFICATION OF APPLICABLE REQUIREMENTS	Yes	Masco Ocala, FL Title V Summary of Applicable Requirments for Existing Emergency Fire Pump, per NESHAP Subpart ZZZZ.	Masco Ocala, FL Title V Summary of Applicable Requirments for Existing Emergency Fire Pump.pdf	5/26/2011
IDENTIFICATION OF APPLICABLE REQUIREMENTS	Yes	MC Ocala 2005 Applicable Requirements List.pdf Add a diesel-fueled fire pump, a Perkins Model 1791/2600, Serial # YB70326-U721784F, Rated at 140 Hp @ 2350 RPM. This engine, as shown on the enclosed site layout, will normally be run 30 minutes per week for test purposes.	MC Ocala 2005 Applicable Requirements List.pdf	3/3/2011
LIST OF INSIGNIFICANT ACTIVITIES	Yes	MC Ocala 2005 Title V Permit Renewal Add Req P13.pdf	MC Ocala 2005 Title V Permit Renewal Add Req P13.pdf	3/10/2011
LIST OF INSIGNIFICANT ACTIVITIES	Yes	Masco Ocala, FL Title V Summary of Applicable Requirments for Existing Emergency Fire Pump.pdf	Masco Ocala, FL Title V Summary of Applicable Requirments for Existing Emergency Fire Pump.pdf	5/26/2011

OTHER FACILITY INFORMATION	Yes	Ocala -2005 Title V Permit Renewal App.pdf	Ocala -2005 Title V Permit Renewal App.pdf	3/3/2011
PRECAUTIONS TO PREVENT EMISSIONS OF UNCONFINED PARTICULATE MATTER	Yes	Ocala, FL 2005 Title V Process Descriptions & Emissions Calcs.pdf	Ocala, FL 2005 Title V Process Descriptions _ Emissions Calcs.pdf	3/2/2011
PROCESS FLOW DIAGRAM(s)	Yes	Ocala finishing process flow chart.pdf	Ocala finishing process flow chart.pdf	3/2/2011
PROCESS FLOW DIAGRAM(s)	Yes	Ocala, FL 2005 Title V Process Descriptions & Emissions Calcs.pdf	Ocala, FL 2005 Title V Process Descriptions _ Emissions Calcs.pdf	3/2/2011
VERIFICATION OF RISK MANAGEMENT PLAN SUBMISSION TO EPA	Yes	Not applicable, per the enclosed file: MC Ocala 2005 Title V Permit Renewal Add Req P13.pdf	MC Ocala 2005 Title V Permit Renewal Add Req P13.pdf	3/10/2011

III. EMISSIONS UNIT SECTION

EU 001: DESCRIPTION AND DETAIL INFORMATION

Regulated/Unregulated: REGULATED

Type of EU: THIS EMISSIONS UNIT INFORMATION SECTION ADDRESSES, AS A SINGLE EMISSIONS UNIT, A GROUP OF PROCESS OR PRODUCTION UNITS AND ACTIVITIES WHICH HAS AT LEAST ONE DEFINABLE EMISSION POINT (STACK OR VENT) BUT MAY ALSO PRODUCE FUGITIVE EMISSIONS.

EU Description: Lines 1-3: (3) identical manual application finishing lines

EU Status: A - ACTIVE

Commence Construction Date:

Initial Startup Date: 10/30/2000

EU Major Group SIC: 24 - LUMBER & WOOD PRODUCTS, EXCEPT FURNITURE

Federal Program Applicability:

Package Unit Manufacturer:

Package Unit Model #:

Generator Nameplate Rating:

EU Comment: Each line consists of overhead hanging conveyor system (16 fpm) and series of HVLP spray equipment, booths, flash-off areas, curing ovens, cool-down areas, associated ductwork, fans and roof exhausts.

EU 001: CONTROL EQUIPMENT/METHOD (CE) INFORMATION		
CE Code	Control Equipment/Method Name	Description
18	FABRIC FILTER LOW TEMPERATURE (T<180F)	Baghouses

EU 001: OPERATING CAPACITY AND SCHEDULE

Maximum Process or Throughput Rate: 249

Maximum Process or Throughput Rate Units: TONS VOC/YR

Maximum Production Rate: 2600

Maximum Production Rate Units: CABINETS/DAY

Maximum Heat Input Rate:

Maximum Incineration Rate:

Requested Maximum Operating Schedule: 8760 hours/year

Operating Capacity and Schedule Comment: Each line has an approximate capacity of 865 cabinets per day. VOCs are from primers, toners, stains, sealers, topcoats, thinners, and cleaners.

EU 001: POINT (STACK/VENT) INFORMATION

Identification of Point on Plot Plan or Flow Diagram?

Emission Point Type Code: 3 - A CONFIGURATION OF MULTIPLE EMISSION POINTS SERVING A SINGLE EMISSIONS UNIT

Discharge Type Code: V - A STACK WITH AN UNOBSTRUCTED OPENING DISCHARGING IN A VERTICAL, OR NEARLY VERTICAL DIRECTION

Stack Height: 35 feet

Exit Diameter: 1.75 feet

Exit Temperature: 150 Fahrenheit

Actual Volumetric Flow Rate: 7000 acfm

Water Vapor:

Maximum Dry Standard Flow**Rate:****Nonstack Emission Point****Height:****Emission Point UTM****Coordinates:****Emission Point Latitude:****Emission Point Longitude:****Emission Point Comment:** Exit temperature: ambient for booths. ~150 F for curing ovens. Flow rate: 6,000-8,000 acfm per booth and ~1,000-3,000 acfm per curing oven**EU 001: SEGMENT (PROCESS/FUEL) INFORMATION****SCC Code: 40202101****Units:** Tons Solvent in Coating Used**Description 1:** Petroleum and Solvent Evaporation**Description 2:** Surface Coating Operations**Description 3:** Flatwood Products**Description 4:** Base Coat**Is this a Valid Segment?** YES**Segment Description****(Process/Fuel Type):****Maximum Hourly Rate:****Maximum Annual Rate:****Estimated Annual Activity****Factor:****Maximum % Sulfur:****Maximum % Ash:****Million Btu per SCC Unit:****Segment Comment:** Lines 1-3 are limited to 249 tons of VOC and HAP per consecutive 12 months from all solvents used.**EU 001: EMISSIONS UNIT POLLUTANT DETAIL INFORMATION****Pollutant Code: HAPS****Pollutant Description:** Total Hazardous Air Pollutants**Is this a Valid Pollutant?** YES**Include in the Facility** YES**Emissions Cap?****Pollutant Regulatory Code:** EL - EMISSION-LIMITED POLLUTANT**Primary Control Device:****Secondary Control Device:****Total % Efficiency of Control:****Potential Emissions:** 249 tons/year**Synthetically Limited?** Y**Range of Estimated Fugitive****Emissions:****Emission Factor:****Emission Factor Units:****Emission Factor Reference:****Emissions Method Code:** 2 - CALCULATED BY USE OF MATERIAL BALANCE AND KNOWLEDGE OF THE PROCESS.**Baseline Actual Emissions (if required):****Baseline 24-Month Period:****Projected Actual Emissions (if required):****Projected Monitoring Period:**

Calculation of Emissions:

Potential, Fugitive, and Actual Lines 1-3 limited to 249 tons of total HAP per consecutive 12 months from all
Emissions Comment: solvents used.

Pollutant Code: VOC**Pollutant Description:** Volatile Organic Compounds**Is this a Valid Pollutant?** YES**Include in the Facility** YES**Emissions Cap?** YES**Pollutant Regulatory Code:** EL - EMISSION-LIMITED POLLUTANT**Primary Control Device:****Secondary Control Device:****Total % Efficiency of Control:****Potential Emissions:** 249 tons/year**Synthetically Limited?** Y**Range of Estimated Fugitive****Emissions:****Emission Factor:****Emission Factor Units:****Emission Factor Reference:****Emissions Method Code:** 2 - CALCULATED BY USE OF MATERIAL BALANCE AND KNOWLEDGE OF THE PROCESS.**Baseline Actual Emissions (if required):****Baseline 24-Month Period:****Projected Actual Emissions (if required):****Projected Monitoring Period:****Calculation of Emissions:**

Potential, Fugitive, and Actual Lines 1-3 limited to 249 tons of VOC per consecutive 12 months from all
Emissions Comment: solvents used.

EU 001: POLLUTANT ALLOWABLE EMISSIONS INFORMATION**Pollutant Code: HAPS****Pollutant Description:** Total Hazardous Air Pollutants

Basis for Allowable Emissions
Code: OTHER - REQUESTED BY APPLICANT FOR OTHER REASONS

Future Effective Date of**Allowable Emissions:****Allowable Emissions:** 249**Allowable Emissions Unit:** TONS/YEAR (TY)**Equivalent Allowable****Emissions:****Method of Compliance:** Recordkeeping

Comment/Description of
Operating Method: Current permit limits VOC and HAP emissions to 249 tons per year.

Pollutant Code: VOC**Pollutant Description:** Volatile Organic Compounds

Basis for Allowable Emissions
Code: OTHER - REQUESTED BY APPLICANT FOR OTHER REASONS

Future Effective Date of**Allowable Emissions:****Allowable Emissions:** 249**Allowable Emissions Unit:** TONS/YEAR (TY)**Equivalent Allowable****Emissions:** 249 tons/year**Method of Compliance:** Material balance and records

Comment/Description of Monthly record keeping; Lines 1-3 are limited to 249 tons of VOC per
Operating Method: consecutive 12 months.

EU 001: VISIBLE EMISSIONS INFORMATION

Visible Emissions Subtype: VE20

Basis for Allowable Opacity: RULE 62-212.400(10)

Requested Allowable Opacity 0 %
in Normal Conditions:

Requested Allowable Opacity 20 %
in Exceptional Conditions:

Maximum Period of Excess 6 min/hour
Opacity Allowed:

Compliance Test Method(s): EPA METHOD 9

Visible Emissions Comment: Normal operations should require no observations. Method 9 VE observations prior to permit expiration was not possible, due to 2009/2010 facility idling.

EU 001: CONTINUOUS MONITOR INFORMATION

*** NO CONTINUOUS MONITOR INFORMATION FOUND FOR THIS EU ***

EU 001: ADDITIONAL INFORMATION

Additional Requirements for All Applications		
Description	Applicable?	Attachment?
PROCESS FLOW DIAGRAM Previously submitted? No Submittal Date:	No	No
FUEL ANALYSIS OR SPECIFICATION Previously submitted? No Submittal Date:	No	No
DETAILED DESCRIPTION OF CONTROL EQUIPMENT Previously submitted? Yes Submittal Date: 3/3/2011	No	No
PROCEDURES FOR STARTUP AND SHUTDOWN Previously submitted? Yes Submittal Date: 3/3/2011	No	No
OPERATION AND MAINTENANCE PLAN Previously submitted? No Submittal Date:	No	No
COMPLIANCE DEMONSTRATION REPORTS/RECORDS Previously submitted? Yes Submittal Date: 3/3/2011 Previously Submitted Test Date(s)/Pollutants Tested: To Be submitted? No Submittal Date: To Be Submitted Test Date(s)/Pollutants Tested:	No	No
OTHER INFORMATION REQUIRED BY RULE OR STATUTE	No	No
Additional Requirements for Air Construction Applications		
Description	Applicable?	Attachment?
DESCRIPTION OF STACK SAMPLING FACILITIES	No	No
CONTROL TECHNOLOGY REVIEW AND ANALYSIS (RULES 62-212.400(10) and 62-212.500(7), F.A.C.; 40 CFR 63.43(d) and (e))	No	No
GOOD ENGINEERING PRACTICE STACK HEIGHT ANALYSIS (RULE 62-212.400(4)(d), F.A.C., and RULE 62-212.500(4)(f), F.A.C.)	No	No
Additional Requirements for Air Operation Applications		
Description	Applicable?	Attachment?
IDENTIFICATION OF APPLICABLE REQUIREMENTS	Yes	Yes
COMPLIANCE ASSURANCE MONITORING PLAN	No	No
ALTERNATIVE METHODS OF OPERATION	No	No
ALTERNATIVE MODES OF OPERATION (EMISSIONS TRADING)	No	No

EU Additional Items Comment:**EU 001: ATTACHMENTS**

Description	Electronic?	Attachment Description	Electronic File Name	Date Uploaded
IDENTIFICATION OF APPLICABLE REQUIREMENTS	Yes	40 CFR 63, Subpart JJ – National Emission Standards for Wood Furniture Manufacturing Operations.	Ocala -2005 Title V Permit Renewal App.pdf	3/10/2011
OTHER EMISSIONS UNIT INFORMATION	Yes	Reference 2005 permit application.	Ocala -2005 Title V Permit Renewal App.pdf	3/10/2011

EU 002: DESCRIPTION AND DETAIL INFORMATION

Regulated/Unregulated: REGULATED

Type of EU: THIS EMISSIONS UNIT INFORMATION SECTION ADDRESSES, AS A SINGLE EMISSIONS UNIT, A GROUP OF PROCESS OR PRODUCTION UNITS AND ACTIVITIES WHICH HAS AT LEAST ONE DEFINABLE EMISSION POINT (STACK OR VENT) BUT MAY ALSO PRODUCE FUGITIVE EMISSIONS.

EU Description: Line 4: manual application finishing line

EU Status: A - ACTIVE

Commence Construction Date:

Initial Startup Date: 4/2/2006

EU Major Group SIC: 24 - LUMBER & WOOD PRODUCTS, EXCEPT FURNITURE

Federal Program Applicability:

Package Unit Manufacturer:

Package Unit Model #:

Generator Nameplate Rating:

EU Comment: Line 4 consists of an overhead hanging conveyor system (30 fpm) and a series of HVLP spray equipment, booths, flash-off areas, curing ovens, associated ductwork, fans, and roof exhausts.

EU 002: CONTROL EQUIPMENT/METHOD (CE) INFORMATION

CE Code	Control Equipment/Method Name	Description
18	FABRIC FILTER LOW TEMPERATURE (T<180F)	

EU 002: OPERATING CAPACITY AND SCHEDULE

Maximum Process or Throughput Rate: 166

Maximum Process or Throughput Rate Units: TONS VOC/YR

Maximum Production Rate:

Maximum Production Rate Units:

Maximum Heat Input Rate:

Maximum Incineration Rate:

Requested Maximum Operating Schedule: 8760 hours/year

Operating Capacity and Schedule Comment: Line 4 has an approximate capacity of 1800 cabinets per day. VOCs are from primers, toners, stains, sealers, topcoats, thinners, and cleaners.

EU 002: POINT (STACK/VENT) INFORMATION

Identification of Point on Plot Plan or Flow Diagram?

Emission Point Type Code: 3 - A CONFIGURATION OF MULTIPLE EMISSION POINTS SERVING A SINGLE EMISSIONS UNIT

Discharge Type Code: V - A STACK WITH AN UNOBSTRUCTED OPENING DISCHARGING IN A VERTICAL, OR NEARLY VERTICAL DIRECTION

Stack Height: 35 feet

Exit Diameter: 1.75 feet

Exit Temperature:

Actual Volumetric Flow Rate:

Water Vapor:

Maximum Dry Standard Flow Rate:

Nonstack Emission Point
Height:
Emission Point UTM
Coordinates:
Emission Point Latitude:
Emission Point Longitude:
Emission Point Comment:

Exit temperature: ambient for booths. ~150 F for curing ovens. Flow rate:
 6,000-8,000 acfm per booth and ~1,000-3,000 acfm per curing oven.

EU 002: SEGMENT (PROCESS/FUEL) INFORMATION

SCC Code: 40202101

Units: Tons Solvent in Coating Used

Description 1: Petroleum and Solvent Evaporation

Description 2: Surface Coating Operations

Description 3: Flatwood Products

Description 4: Base Coat

Is this a Valid Segment? YES

Segment Description

(Process/Fuel Type):

Maximum Hourly Rate:

Maximum Annual Rate:

Estimated Annual Activity

Factor:

Maximum % Sulfur:

Maximum % Ash:

Million Btu per SCC Unit:

Segment Comment: Line 4 is limited to 166 tons of VOC per consecutive 12 months from all solvents used.

EU 002: EMISSIONS UNIT POLLUTANT DETAIL INFORMATION

Pollutant Code: HAPS

Pollutant Description: Total Hazardous Air Pollutants

Is this a Valid Pollutant? YES

Include in the Facility

Emissions Cap? YES

Pollutant Regulatory Code: EL - EMISSION-LIMITED POLLUTANT

Primary Control Device:

Secondary Control Device:

Total % Efficiency of Control:

Potential Emissions: 166 tons/year

Synthetically Limited? Y

Range of Estimated Fugitive

Emissions:

Emission Factor:

Emission Factor Units:

Emission Factor Reference:

Emissions Method Code: 2 - CALCULATED BY USE OF MATERIAL BALANCE AND KNOWLEDGE OF THE PROCESS.

Baseline Actual Emissions (if required):

Baseline 24-Month Period:

Projected Actual Emissions (if required):

Projected Monitoring Period:

Calculation of Emissions:

Potential, Fugitive, and Actual Line 4 is limited to 166 tons of HAP per consecutive 12 months from all solvents

Emissions Comment: used.

Pollutant Code: VOC

Pollutant Description: Volatile Organic Compounds

Is this a Valid Pollutant? YES

Include in the Facility Emissions Cap? YES

Pollutant Regulatory Code: EL - EMISSION-LIMITED POLLUTANT

Primary Control Device:

Secondary Control Device:

Total % Efficiency of Control:

Potential Emissions: 166 tons/year

Synthetically Limited? Y

Range of Estimated Fugitive Emissions:

Emissions:

Emission Factor:

Emission Factor Units:

Emission Factor Reference:

Emissions Method Code: 2 - CALCULATED BY USE OF MATERIAL BALANCE AND KNOWLEDGE OF THE PROCESS.

Baseline Actual Emissions (if required):

Baseline 24-Month Period:

Projected Actual Emissions (if required):

Projected Monitoring Period:

Calculation of Emissions:

Potential, Fugitive, and Actual Emissions: Line 4 is limited to 166 tons of VOC per consecutive 12 months from all

Emissions Comment: solvents used.

EU 002: POLLUTANT ALLOWABLE EMISSIONS INFORMATION

Pollutant Code: VOC

Pollutant Description: Volatile Organic Compounds

Basis for Allowable Emissions Code: OTHER - REQUESTED BY APPLICANT FOR OTHER REASONS

Future Effective Date of Allowable Emissions:

Allowable Emissions:

Allowable Emissions: 166

Allowable Emissions Unit: TONS/YEAR (TY)

Equivalent Allowable Emissions: 166 tons/year

Method of Compliance: Material balance and records

Comment/Description of Operating Method: Monthly record keeping; Line 4 is limited to 166 tons of VOC per consecutive 12

Operating Method: months from all solvents used.

EU 002: VISIBLE EMISSIONS INFORMATION

Visible Emissions Subtype: VE20

Basis for Allowable Opacity: RULE

Requested Allowable Opacity in Normal Conditions: 20 %

Requested Allowable Opacity in Exceptional Conditions: 20 %

Maximum Period of Excess Opacity Allowed: 6 min/hour

Compliance Test Method(s): EPA METHOD 9

Visible Emissions Comment: Normal operations should require no observations. Method 9 VE observations prior to permit expiration was not possible, due to 2009/2010 facility idling.

EU 002: CONTINUOUS MONITOR INFORMATION

*** NO CONTINUOUS MONITOR INFORMATION FOUND FOR THIS EU ***

EU 002: ADDITIONAL INFORMATION		
Additional Requirements for All Applications		
Description	Applicable?	Attachment?
PROCESS FLOW DIAGRAM Previously submitted? No Submittal Date:	No	No
FUEL ANALYSIS OR SPECIFICATION Previously submitted? No Submittal Date:	No	No
DETAILED DESCRIPTION OF CONTROL EQUIPMENT Previously submitted? No Submittal Date:	No	No
PROCEDURES FOR STARTUP AND SHUTDOWN Previously submitted? No Submittal Date:	No	No
OPERATION AND MAINTENANCE PLAN Previously submitted? No Submittal Date:	No	No
COMPLIANCE DEMONSTRATION REPORTS/RECORDS Previously submitted? No Submittal Date: Previously Submitted Test Date(s)/Pollutants Tested: To Be submitted? No Submittal Date: To Be Submitted Test Date(s)/Pollutants Tested:	No	No
OTHER INFORMATION REQUIRED BY RULE OR STATUTE	No	No
Additional Requirements for Air Construction Applications		
Description	Applicable?	Attachment?
DESCRIPTION OF STACK SAMPLING FACILITIES	No	No
CONTROL TECHNOLOGY REVIEW AND ANALYSIS (RULES 62-212.400(10) and 62-212.500(7), F.A.C.; 40 CFR 63.43(d) and (e))	No	No
GOOD ENGINEERING PRACTICE STACK HEIGHT ANALYSIS (RULE 62-212.400(4)(d), F.A.C., and RULE 62-212.500(4)(f), F.A.C.)	No	No
Additional Requirements for Air Operation Applications		
Description	Applicable?	Attachment?
IDENTIFICATION OF APPLICABLE REQUIREMENTS	Yes	Yes
COMPLIANCE ASSURANCE MONITORING PLAN	No	No
ALTERNATIVE METHODS OF OPERATION	No	No
ALTERNATIVE MODES OF OPERATION (EMISSIONS TRADING)	No	No
EU Additional Items Comment:		

EU 002: ATTACHMENTS				
Description	Electronic?	Attachment Description	Electronic File Name	Date Uploaded
IDENTIFICATION OF APPLICABLE REQUIREMENTS	Yes	40 CFR 63, Subpart JJ – National Emission Standards for Wood Furniture Manufacturing Operations.	Ocala -2005 Title V Permit Renewal App.pdf	3/10/2011

EU 003: DESCRIPTION AND DETAIL INFORMATION

Regulated/Unregulated: UNREGULATED

Type of EU: THIS EMISSIONS UNIT INFORMATION SECTION ADDRESSES, AS A SINGLE EMISSIONS UNIT, A GROUP OF PROCESS OR PRODUCTION UNITS AND ACTIVITIES WHICH HAS AT LEAST ONE DEFINABLE EMISSION POINT (STACK OR VENT) BUT MAY ALSO PRODUCE FUGITIVE EMISSIONS.

EU Description: Woodworking operations

EU Status: A - ACTIVE

Commence Construction Date:

Initial Startup Date: 10/31/2000

EU Major Group SIC: 24 - LUMBER & WOOD PRODUCTS, EXCEPT FURNITURE

Federal Program Applicability:

Package Unit Manufacturer:

Package Unit Model #:

Generator Nameplate Rating:

EU Comment: Insignificant activity, Appendix I-1, Permit No.: 0830137-005-AV. Includes machining, sanding, fastening, and gluing. Exhausts controlled by baghouses, some exhaust back into building.

EU 003: CONTROL EQUIPMENT/METHOD (CE) INFORMATION

CE Code	Control Equipment/Method Name	Description
18	FABRIC FILTER LOW TEMPERATURE (T<180F)	Design specification of 0.03 grains per dscf of exhaust; includes three baghouses, with 99 - 99.9 percent control efficiencies.

EU 003: OPERATING CAPACITY AND SCHEDULE

Maximum Process or Throughput Rate: 4400

Maximum Process or Throughput Rate Units: CABINETS/DAY

Maximum Production Rate:

Maximum Production Rate Units:

Maximum Heat Input Rate:

Maximum Incineration Rate:

Requested Maximum Operating Schedule: 8760 hours/year

Operating Capacity and Schedule Comment:

EU 003: POINT (STACK/VENT) INFORMATION

Identification of Point on Plot Plan or Flow Diagram?

Emission Point Type Code: 3 - A CONFIGURATION OF MULTIPLE EMISSION POINTS SERVING A SINGLE EMISSIONS UNIT

Discharge Type Code: V - A STACK WITH AN UNOBSTRUCTED OPENING DISCHARGING IN A VERTICAL, OR NEARLY VERTICAL DIRECTION

Stack Height: 20 feet

Exit Diameter: 2 feet

Exit Temperature:

Actual Volumetric Flow Rate:

Water Vapor:

Maximum Dry Standard Flow**Rate:****Nonstack Emission Point****Height:****Emission Point UTM****Coordinates:****Emission Point Latitude:** SS: 0**Emission Point Longitude:** SS: 0**Emission Point Comment:** Three baghouses that usually return air to the facility.**EU 003: SEGMENT (PROCESS/FUEL) INFORMATION****SCC Code:** 30703098**Units:** 1000 Board Feet Material Processed**Description 1:** Industrial Processes**Description 2:** Pulp and Paper and Wood Products**Description 3:** Miscellaneous Wood Working Operations**Description 4:** Sanding/Planing Operations: Specify**Is this a Valid Segment?** YES**Segment Description****(Process/Fuel Type):** Numerous wood machining, cutting, and sanding units, etc.**Maximum Hourly Rate:****Maximum Annual Rate:****Estimated Annual Activity****Factor:****Maximum % Sulfur:****Maximum % Ash:****Million Btu per SCC Unit:****Segment Comment:****EU 003: EMISSIONS UNIT POLLUTANT DETAIL INFORMATION****Pollutant Code:** PM**Pollutant Description:** Particulate Matter - Total**Is this a Valid Pollutant?** YES**Include in the Facility****Emissions Cap?** NO**Pollutant Regulatory Code:** WP - POLLUTANT REGULATED UNDER WORK PRACTICE STANDARD ONLY**Primary Control Device:** FABRIC FILTER LOW TEMPERATURE (T<180F)**Secondary Control Device:****Total % Efficiency of Control:** 99**Potential Emissions:** 2.2 tons/year**Synthetically Limited?** N**Range of Estimated Fugitive Emissions:** 0 tons/year**Emission Factor:****Emission Factor Units:****Emission Factor Reference:****Emissions Method Code:** 2 - CALCULATED BY USE OF MATERIAL BALANCE AND KNOWLEDGE OF THE PROCESS.**Baseline Actual Emissions (if required):****Baseline 24-Month Period:****Projected Actual Emissions (if required):****Projected Monitoring Period:****Calculation of Emissions:** See attachment Table A-3

Potential, Fugitive, and Actual Emissions Comment: Insignificant activity

Pollutant Code: PM10

Pollutant Description: Particulate Matter - PM10

Is this a Valid Pollutant? YES

Include in the Facility Emissions Cap? NO

Pollutant Regulatory Code: WP - POLLUTANT REGULATED UNDER WORK PRACTICE STANDARD ONLY

Primary Control Device: FABRIC FILTER LOW TEMPERATURE (T<180F)

Secondary Control Device:

Total % Efficiency of Control: 99

Potential Emissions: 2.2 tons/year

Synthetically Limited? N

Range of Estimated Fugitive Emissions:

Emission Factor:

Emission Factor Units:

Emission Factor Reference:

Emissions Method Code: 2 - CALCULATED BY USE OF MATERIAL BALANCE AND KNOWLEDGE OF THE PROCESS.

Baseline Actual Emissions (if required):

Baseline 24-Month Period:

Projected Actual Emissions (if required):

Projected Monitoring Period:

Calculation of Emissions:

Potential, Fugitive, and Actual Emissions Comment: Insignificant activity

EU 003: POLLUTANT ALLOWABLE EMISSIONS INFORMATION

*** NO POLLUTANT ALLOWABLE EMISSIONS INFORMATION FOUND FOR THIS EU ***

EU 003: VISIBLE EMISSIONS INFORMATION

Visible Emissions Subtype: VE20

Basis for Allowable Opacity: RULE

Requested Allowable Opacity in Normal Conditions:

Requested Allowable Opacity in Exceptional Conditions:

Maximum Period of Excess Opacity Allowed:

Opacity Allowed:

Compliance Test Method(s): EPA METHOD 22

Visible Emissions Comment: Insignificant activity

EU 003: CONTINUOUS MONITOR INFORMATION

*** NO CONTINUOUS MONITOR INFORMATION FOUND FOR THIS EU ***

EU 003: ADDITIONAL INFORMATION

Additional Requirements for All Applications

Description	Applicable?	Attachment?
PROCESS FLOW DIAGRAM Previously submitted? Yes Submittal Date: 3/1/2011	Yes	Yes
FUEL ANALYSIS OR SPECIFICATION Previously submitted? No Submittal Date:	No	No
DETAILED DESCRIPTION OF CONTROL EQUIPMENT Previously submitted? Yes Submittal Date: 3/1/2011	No	No
PROCEDURES FOR STARTUP AND SHUTDOWN Previously submitted? No Submittal Date:	No	No
OPERATION AND MAINTENANCE PLAN Previously submitted? No Submittal Date:	No	No
COMPLIANCE DEMONSTRATION REPORTS/RECORDS Previously submitted? Yes Submittal Date: 3/1/2011 Previously Submitted Test Date(s)/Pollutants Tested: Not possible due to idling of facility in 2009 - 2011. To Be submitted? No Submittal Date: To Be Submitted Test Date(s)/Pollutants Tested:	No	No
OTHER INFORMATION REQUIRED BY RULE OR STATUTE	No	No

Additional Requirements for Air Construction Applications

Description	Applicable?	Attachment?
DESCRIPTION OF STACK SAMPLING FACILITIES	No	No
CONTROL TECHNOLOGY REVIEW AND ANALYSIS (RULES 62-212.400(10) and 62-212.500(7), F.A.C.; 40 CFR 63.43(d) and (e))	No	No
GOOD ENGINEERING PRACTICE STACK HEIGHT ANALYSIS (RULE 62-212.400 (4)(d), F.A.C., and RULE 62-212.500(4)(f), F.A.C.)	No	No

Additional Requirements for Air Operation Applications

Description	Applicable?	Attachment?
IDENTIFICATION OF APPLICABLE REQUIREMENTS	No	No
COMPLIANCE ASSURANCE MONITORING PLAN	No	No
ALTERNATIVE METHODS OF OPERATION	No	No
ALTERNATIVE MODES OF OPERATION (EMISSIONS TRADING)	No	No

EU Additional Items Comment: Insignificant activity

EU 003: ATTACHMENTS

Description	Electronic?	Attachment Description	Electronic File Name	Date Uploaded
OTHER EMISSIONS UNIT INFORMATION	Yes	Not applicable.	Ocala -2005 Title V Permit Renewal App.pdf	3/10/2011
PROCESS FLOW DIAGRAM	Yes	Ocala, FL 2005 Title V Process Descriptions & Emissions Calcs.pdf	Ocala, FL 2005 Title V Process Descriptions _ Emissions Calcs.pdf	3/10/2011

PROFESSIONAL ENGINEER CERTIFICATION:

I hereby certify, except as particularly noted herein*, that:

(1) To the best of my knowledge, there is reasonable assurance that the air pollutant emissions unit(s) and the air pollution control equipment described in this application for air permit, when properly operated and maintained, will comply with all applicable standards for control of air pollutant emissions found in the Florida Statutes and rules of the Department of Environmental Protection; and

(2) To the best of my knowledge, any emission estimates reported or relied on in this application are true, accurate, and complete and are either based upon reasonable techniques available for calculating emissions or, for emission estimates of hazardous air pollutants not regulated for an emissions unit addressed in this application, based solely upon the materials, information and calculations submitted with this application.

(3) If the purpose of this application is to obtain a Title V air operation permit (check here , if so), I further certify that each emissions unit described in this application for air permit, when properly operated and maintained, will comply with the applicable requirements identified in this application to which the unit is subject, except those emissions units for which a compliance plan and schedule is submitted with this application.

(4) If the purpose of this application is to obtain an air construction permit (check here , if so) or concurrently process and obtain an air construction permit and a Title V air operation permit revision or renewal for one or more proposed new or modified emissions units (check here , if so), I further certify that the engineering features of each such emissions unit described in this application have been designed or examined by me or individuals under my direct supervision and found to be in conformity with sound engineering principles applicable to the control of emissions of the air pollutants characterized in this application.

(5) If the purpose of this application is to obtain an initial air operation permit or operation permit revision or renewal for one or more newly constructed or modified emissions units (check here , if so), I further certify that, with the exception of any changes detailed as part of this application, each such emissions unit has been constructed or modified in substantial accordance with the information given in the corresponding application for air construction permit and with all provisions contained in such permit.

* Explain any exception to the certification statement.

Professional Engineer Name: MICHAEL BALLENGER
Professional Engineer Registration Number: 69801
Date Professional Engineer Submitted: 5/27/2011

*** End of Application for Air Permit - Long Form ***
Printed on 5/31/2011

Electronic Permit Submittal and Processing System (EPSAP) Professional Engineer Signature Document

"This document is signed and sealed to secure the data in this permit application and any attached files that were submitted electronically as described in Florida Department of Business and Professional Regulation, Board of Professional Engineers, Procedures for Signing and Sealing Electronically Transmitted Plan, Specifications, Reports or other Documents, Rule 61G15-23.003., F.A.C.."

EPSAP Application Number: 2801-2
Facility Identification Number: 0830137
Facility Owner/Company Name: MASCO CABINETRY LLC (EFF. 1/1/2011)

Dept. of Environmental Protection

JUN 20 2011

Southwest District

Purpose of Application:
 Title V air operation permit renewal.

Signature File Created: 6/16/2011 5:49:58 PM

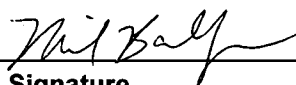
File Description	Authentication Code
Submitted Application Data	2DCD7F202A00091EC222A16108BB55CF2D3EACE6
Uploaded Facility Documents:	
MC Ocala, FL 2011 Site Drawing.pdf	0B94203BE097779003F2B0F21DDC39196EFF3A15
Ocala, FL 2005 Title V Process Descriptions _ Emissions Calcs.pdf	7C3CBD9D580153B1EDA025B5358118F7CF1B6A29
Ocala finishing process flow chart.pdf	B62A4C9013E4050521C551B6FFBD6D4BC1067CA2
Ocala, FL 2005 Title V Process Descriptions _ Emissions Calcs.pdf	7C3CBD9D580153B1EDA025B5358118F7CF1B6A29
MC Ocala 2005 Title V Permit Renewal Add Req P13.pdf	66CE2195A019715E57BC64820757B93F34F3102F
Masco Ocala, FL Title V Summary of Applicable Requirements for Existing Emergency Fire Pump.pdf	68C6786C4BBB02B31924ADA0677078AB0BD1E935
MC Ocala, FL 2011 Site Drawing.pdf	0B94203BE097779003F2B0F21DDC39196EFF3A15
MC Ocala 2005 Applicable Requirements List.pdf	7EE7F0E3D8925489237974D05BE98BF7078CAFFD
Masco Ocala, FL Title V Summary of Applicable Requirements for Existing Emergency Fire Pump.pdf	68C6786C4BBB02B31924ADA0677078AB0BD1E935
MC Ocala, FL 2010 Annual Compliance Certification.pdf	BAA66F4E34BC5E05A133082001DED16319D23101
MC Ocala 2005 Title V Permit Renewal Add Req P13.pdf	66CE2195A019715E57BC64820757B93F34F3102F
Ocala -2005 Title V Permit Renewal App.pdf	D2D2C727104CB9C2374F64BB2609F1DAA4BB2610
Masco Ocala Title V Permit Renewal - additional information.pdf	5CDB7B0254A0658DC27AC21C2BCDDA47D33FEA97
Uploaded Emissions Unit Documents:	
Ocala -2005 Title V Permit Renewal App.pdf	D2D2C727104CB9C2374F64BB2609F1DAA4BB2610
Ocala -2005 Title V Permit Renewal App.pdf	D2D2C727104CB9C2374F64BB2609F1DAA4BB2610
Ocala -2005 Title V Permit Renewal App.pdf	D2D2C727104CB9C2374F64BB2609F1DAA4BB2610
Ocala, FL 2005 Title V Process Descriptions _ Emissions Calcs.pdf	7C3CBD9D580153B1EDA025B5358118F7CF1B6A29
Ocala -2005 Title V Permit Renewal App.pdf	D2D2C727104CB9C2374F64BB2609F1DAA4BB2610

Final Signature File

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Professional Engineer (PE): MICHAEL BALLENGER License No: 69801

(sign and affix PE seal below)

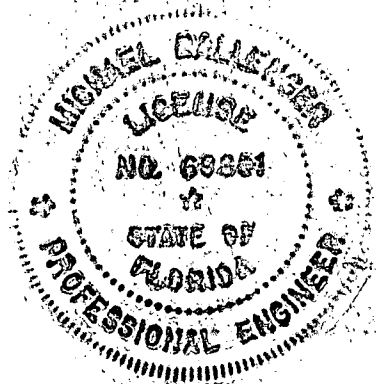

PE Signature

6/16/2011
Date

Dept. of Environmental Protection

JUN 20 2011

Southwest District



Electronic Permit Submittal and Processing System (EPSAP) Professional Engineer Signature Document

"This document is signed and sealed to secure the data in this permit application and any attached files that were submitted electronically as described in Florida Department of Business and Professional Regulation, Board of Professional Engineers, Procedures for Signing and Sealing Electronically Transmitted Plan, Specifications, Reports or other Documents, Rule 61G15-23.003., F.A.C.."

EPSAP Application Number: 2801-1

Facility Identification Number: 0830137

Facility Owner/Company Name: MASCO CABINETRY LLC (EFF. 1/1/2011)

Purpose of Application:

Title V air operation permit renewal.

Signature File Created: 5/27/2011 4:45:06 PM

*Dept. Of Environmental
Protection
JUN 03 2011
Southwest District*

File Description	Authentication Code
Submitted Application Data	EE7CEDBDA317C5B884CD3FE686E596DD077CFA29
Uploaded Facility Documents:	
Ocala, FL 2005 Title V Process Descriptions _ Emis sions Calcs.pdf	7C3CBD9D580153B1EDA025B5358118F7CF1B6A29
Ocala finishing process flow chart.pdf	B62A4C9013E4050521C551B6FFBD6D4BC1067CA2
Ocala, FL 2005 Title V Process Descriptions _ Emis sions Calcs.pdf	7C3CBD9D580153B1EDA025B5358118F7CF1B6A29
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MC Ocala, FL 2010 Annual Compliance Certification. pdf	BAA66F4E34BC5E05A133082001DED16319D23101
Ocala -2005 Title V Permit Renewal App.pdf	D2D2C727104CB9C2374F64BB2609F1DAA4BB2610
MC Ocala, FL 2011 Site Drawing.pdf	0B94203BE097779003F2B0F21DDC39196EFF3A15
MC Ocala 2005 Title V Permit Renewal Add Req P13.p df	66CE2195A019715E57BC64820757B93F34F3102F
MC Ocala 2005 Applicable Requirements List.pdf	7EE7F0E3D8925489237974D05BE98BF7078CAFFD
MC Ocala 2005 Title V Permit Renewal Add Req P13.p df	66CE2195A019715E57BC64820757B93F34F3102F
Masco Ocala, FL Title V Summary of Applicable Requ irements for Existing Emergency Fire Pump.pdf	68C6786C4BBB02B31924ADA0677078AB0BD1E935
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Ocala -2005 Title V Permit Renewal App.pdf	D2D2C727104CB9C2374F64BB2609F1DAA4BB2610
Ocala, FL 2005 Title V Process Descriptions _ Emis sions Calcs.pdf	7C3CBD9D580153B1EDA025B5358118F7CF1B6A29
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