

**NORTH CAROLINA DIVISION OF
AIR QUALITY**

Air Permit Review

Permit Issue Date:

Region: Asheville Regional Office
County: Caldwell
NC Facility ID: 1400027
Inspector's Name: Mike Parkin
Date of Last Inspection: 12/01/2005
Compliance Code: C/In Compliance With
 Procedural Reqr

Facility Data			Permit Applicability (this application only)
<p>Applicant (Facility's Name): Thomasville Furniture Industries, Inc. - Lenoir Plant</p> <p>Facility Address: Thomasville Furniture Industries, Inc. - Lenoir Plant 315 Elizabeth Street NW Lenoir, NC 28645</p> <p>SIC: 2511 / Wood Household Furniture NAICS: 337122 / Nonupholstered Wood Household Furniture Manufacturing</p> <p>Facility Classification: Before: Title V After: Title V Fee Classification: Before: Title V After: Title V</p>			<p>SIP: NSPS: NESHAP: PSD: PSD Avoidance: NC Toxics: 112(r): Other:</p>
Contact Data			Application Data
Facility Contact	Authorized Contact	Technical Contact	<p>Application Number: 1400027.05A Date Received: 03/30/2005 Application Type: Renewal Application Schedule: TV-Renewal Existing Permit Data Existing Permit Number: 04172/T16 Existing Permit Issue Date: 10/17/2005 Existing Permit Expiration Date: 12/31/2005</p>
Donnie Frazier Environmental/Safety Coordinator (828) 757-2774 315 Elizabeth Street NW Lenoir NC, 28645	Jim Shaut Plant Manager 315 Elizabeth Street NW Lenoir NC, 28645	Rochelle Boyd Manager of Environmental Affairs (336) 476-2264 P O Box 339 Thomasville NC, 27361+0339	
<p>Review Engineer: Jenny Sheppard</p> <p>Review Engineer's Signature: _____ Date: _____</p>		<p style="text-align: center;">Comments / Recommendations:</p> <p>Issue 04172/T17 Permit Issue Date: Permit Expiration Date:</p>	

1. Purpose of Application

This revision is a renewal of an existing Title V permit pursuant to 2Q .0513. The existing Title V permit (04172T16) was issued on October 17, 2005 as a modification to the initial Title V (04172T15) issued on March 19, 2003. Permit number 04127T16 expired on December 31, 2005. The renewal application was received on March 30, 2005 or at least nine months prior to the expiration date. Therefore, the existing permit shall not expire until the renewal permit has been issued or denied. All terms and conditions of the existing permit shall remain in effect until the renewal permit has been issued or denied. The Permittee is requesting renewal of the Title V permit and some approved changes as follows:

- a. the removal of specific ASTM methods specified in 2D .0516 for the determination of coal sulfur content so that other methods may be used without requesting permit revision; and

(The methods will remain however the condition has been modified to allow the permittee to request alternative test methods. A permit application for the change will be required.)

- b. the relaxation of coating and gluing spray booth filter inspection from weekly to monthly for 2D .0512 monitoring.

2. **Facility Description**
This facility manufactures household wood furniture from dried lumber.
3. **Application Chronology**
The application chronology is detailed on the attached IBEAM Report.
4. **Permit Modification/Changes**

Below is a summary of permit modification since the initial Title V which was issued January 3, 2001:

September 5, 2002 , 502(b)(10), T14

The request is to install additional multicyclones in series with existing multicyclones that control the emissions for two existing boilers (ID Nos. ESBL1 and ESBL2). TFI is also removing flyash re-injectin from these boilers.

March 19, 2003, 502(b)(10), T15

This facility is requesting for an administrative amendment based on the Settlement Agreement (DAQ2002 - 001SA) dated November 22, 2002. Per the agreement TFI was required to submit a request to add “the permittee shall burn no more than 180 pounds per hour of finishing materials facility wide” to paragraphs 2.1 B.1.a., and 2.1 B.2.a. and removing from 2.1 B.1.c.

October 17, 2005, 502(b)(10), T16

This facility is requesting for a 502(b)(10) modification to add a roll coating operation consisting of one flatline coating operation (ID No. FC01) and an ultra violet curing oven (ID No. UVO1). The request for this modification was received August 8, 2005.

Other changes to the permit are contained in the following table.

PAGE	SECTION	CHANGE
All	Coverletter	Update to current language and update permit number
1	Permit	Change permit number
All	All	Converted permit from WordPerfect to Word, updated all permit language to current
Page 8	2.1 B.	Added Boiler MACT language for Boilers 1 and 2, there are no requirements
Page 11	2.1 C	Added Bolier MACT language for Boiler 3, there are no requirements
23	Part 1, Section 3	Updated General Conditions

5. **Regulatory Review**

The following regulations apply to this facility and are contained in the present Title V permit:

- 15A NCAC 2D .0503 - Particulates from Fuel Burning Indirect Heat Exchangers
- 15A NCAC 2D .0504 - Particulates from Wood Burning Indirect Heat Exchangers
- 15A NCAC 2D .0512 - Particulates from Wood Working Facilities
- 15A NCAC 2D .0516 - Sulfur dioxide from Combustion Sources
- 15A NCAC 2D .0521 - Control of Visible Emissions
- 15A NCAC 2D .1111 - NESHAP Wood Furniture Manufacturing Operations

6. **NSPS, NESHAPS, PSD, Attainment Status, 112(r), CAM**

NSPS-The are no NSPS that apply to this facility at this time.

NESHAPS (15A NCAC 2D .1111)

The NESHAP for Boilers (40 CFR 63, Subpart DDDDD) applies to the boilers (ESBL1, ESBL2, and ESBL3) but because they are fire tube boilers, they are exempt from all requirements of the MACT and is noted in the permit as such.

PSD

There are no PSD Issues.

Attainment Status

The facility located in an early action compact VOC/NOx non-attainment county. No new requirements apply at this time.

112(r)

The Facility has no sources subject to 112(r)

CAM (15A NCAC 2D .0604)

The Permittee has submitted data showing that uncontrolled emissions from the boilers will be less than 100 tons per year for PM10 and CAM does not apply to the cyclones. Analyses of the wood waste collection and relay systems, show that the uncontrolled emissions from each system will be less than 100 tons per year and CAM does not apply.

7. Facility Wide Toxic Air Pollutants

No issues at this time.

8. Facility Compliance Status

The facility is presently in compliance with all applicable regulations and permit conditions.

9. Statement of Compliance

The DAQ has reviewed the compliance status of this facility. Based on the latest inspection, the facility was in compliance with all applicable requirements. The applicant has certified that the facility will be in compliance with all applicable requirements at the time of permit issuance and will continue to comply with these requirements. The applicant has also certified that the facility will be in compliance with any applicable requirements taking effect during the term of the permit and will meet such requirements on a timely basis.

10. Facility Emissions Review

There is no change in emissions for this renewal.

11. Public Notice/EPA and Affected State Review

A notice of the Title V Permit will be placed in a newspaper of general circulation in the area where the facility is located. The notice will provided for a 30-day comment period, with an opportunity for a public hearing. Copies of the public notice were sent to affected persons on the Title V mailing list and EPA.

12. Conclusions, Comments, and Recommendations

The RCO and the ARO recommend renewal of permit 04172T17. The request for changes to the language by the facility have been addressed in the permit.