

2014 Standards & Testing Methods for Wood Flooring Workshop

March 13, 2014
NC State University
Hodges Wood Products Lab

Conducted By
Department of Forest Biomaterials
North Carolina Cooperative Extension



Sponsored By:



*SEDKC has been educating
and improving the lumber drying
industry since 1950*



Selected wood flooring tests will be demonstrated in the Hodges Wood Products Laboratory during the Workshop.

Course Description

This workshop will give an overview of the value and application of standards and standard tests for evaluating the performance of solid and engineered wood flooring. It will cover some of the issues relevant to the performance of wood flooring and how testing can be used to understand and avoid problems. In addition to class room presentations, examples of various types of tests will be demonstrated in Hodges Wood Products Lab.



Register Today! Seats are Limited.

Registration Form

2014 Standards & Testing Methods for Wood Flooring Workshop March 13, 2014

Name	
Title	
Company	
Address	
City	
State/Zip	
Email	
Phone	

**Make check payable to:
Southeastern Dry Kiln Club
\$175 / person for the Course**

***Mail check and registration
form by February 28, 2014, to:***
Phil Mitchell, NC State University
Wood Products Extension
Campus Box 8003
Raleigh, NC 27695-8003

*Please duplicate this form for
additional registrants.*

2014 Standards & Testing Methods for Wood Flooring Workshop

Program Contents

Thursday, March 13

- Registration and Welcome
- **Standards**
 - Performance Standards
 - Standard Test Methods
- **Hardness**
 - Modified Janka Hardness
 - Application of engineered wood flooring
- **Dimensions**
 - Effect of moisture
 - Dimensional change
 - Warping - balanced construction
- **Glue Bonds**
 - Delamination - HPVA method
 - Glue bond strength - ASTM
 - Internal bond strength, surface bond strength - ASTM (PB)
- **Abrasion and Wear**
 - “Taber” test(s)
 - Other
- **Other Flooring Standards/Tests**
 - Laminate Flooring - NALFA LF01
 - “Click” joint strength - ISO
 - Decorative Surfaces - NEMA LD3

Registration

Registration and payment will be required by February 28, 2014. The registration fee is \$175 with a check made payable to the **Southeastern Dry Kiln Club**, mailed to:
Phil Mitchell
NC State University
Campus Box 8003
Raleigh, NC 27695-8003.

This cost includes all printed material for the course, refreshments during breaks, and lunch.

**NC State Wood Products Extension
on the Web at:**

cnr.ncsu.edu/blogs/wpe/



Hodges Wood Products Lab has classroom facilities and wood testing facilities.

Instructors

- **Tony LaPasha** has conducted tests for flooring products for over 20 years as a Research Specialist in the Department of Forest Biomaterials at NC State University.
- **Phil Mitchell**, Associate Professor and Wood Products Extension Specialist has been working with wood products manufacturers to improve processes and products for 18 years at NC State.

For more information about wood products testing at Hodges Wood Products Lab, [click here](#).

For More Information

For additional information and questions regarding this popular workshop, contact:

Phil Mitchell

(919) 515 - 5581

phil_mitchell@ncsu.edu