

2015 Dry Kiln Operator's Short Course

May 19 - 22, 2015
NC State University
Hodges Wood Products Lab
Raleigh, North Carolina

Conducted By
Wood Products Extension
North Carolina Cooperative Extension



Sponsored By:



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



The Hodges Wood Products Lab's dry kiln has a capacity of 1000 board feet and is an updated steam lumber dry kiln with computer controls.

Course Description

This short course will provide practical knowledge about how lumber is effectively kiln dried and scientific background on related wood properties and processes. It will have value for the beginner as well as experienced kiln operators and with supervisors, sales, and marketing personnel. Instruction, by university faculty and industry experts, will be both in the classroom and through hands-on lab exercises using our 1000 BF steam heated dry kiln.



Register Today! Space will be Limited.

Registration Form

2015 Dry Kiln Operator's Short Course

May 19 - 22, 2015

Name	
Title	
Company	
Address	
City	
State/Zip	
Email	
Phone	

***Make check payable to:
Southeastern Dry Kiln Club
\$295 / person for the Course***

***Mail check and registration
form by May 5, 2015, to:***

Phil Mitchell, NC State University
Wood Products Extension
Campus Box 8003
Raleigh, NC 27695-8003

*Please duplicate this form for
additional registrants.*

2015 Dry Kiln Operator's Short Course

Program Contents

Tuesday, May 19

- Registration and Welcome
- Methods of Determining Moisture Content
- Selecting Kiln Samples
- Wood Structure and Drying
- Shrinkage and Wood Moisture Relations
- Temperature, Relative Humidity, and Equilibrium Moisture Content

Wednesday, May 20

- Drying Schedules
- Drying Stresses and Defects
- Equalizing and Conditioning and Kiln Overheating
- Plant Trips

Thursday, May 21

- Basic Kiln Features
- Controllers / Recorders Function & Maintenance
- Trouble Shooting Using Kiln Charts
- Kiln Maintenance for Operators
- New Kiln Features

Friday, May 22

- Air Drying Principles
- Moisture Meters and Auxillary Equipment
- Oak Drying

Registration

Registration and payment will be required by May 5, 2015. The registration fee is \$295 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 three luncheons on campus.

A Hands On Course

You will learn by hearing, seeing, and most importantly, by doing!!



Hodges Wood Products Lab has classroom facilities and steam heated dry kiln.

Instructors

- **Phil Mitchell**
Extension Specialist
Dept. of Forest Biomaterials
NC State University
- **Eric McConnell**
Extension Specialist
Dept. of Forest Biomaterials
NC State University
- **Guillermo Velarde**
Hodges Lab Superintendent
Dept. of Forest Biomaterials
NC State University

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

research.cnr.ncsu.edu/blogs/wpe/

For More Information

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

Phil Mitchell

(919) 515 - 5581

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