

2014 Dry Kiln Operator's Short Course

May 13 - 16, 2014
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

2014 Dry Kiln Operator's Short Course

May 13 - 16, 2014

Name	
Title	
Company	
Address	
City	
State/Zip	
Email	
Phone	

Make check payable to:
Southeastern Dry Kiln Club
\$275 / person for the Course

***Mail check and registration
form by May 2, 2014, to:***

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

*Please duplicate this form for
additional registrants.*

**Price
Reduced**

2014 Dry Kiln Operator's Short Course

Program Contents

Tuesday, May 13

- Registration and Welcome
- Methods of Determining Moisture Content
- Selecting Kiln Samples
- Wood Structure and Drying
- Shrinkage and Wood Moisture Relations
- Plant Trip

Wednesday, May 14

- Temperature, Relative Humidity, and Equilibrium Moisture Content
- Drying Schedules
- Equalizing and Conditioning
- Kiln Overheat during Conditioning
- Oak Drying
- Plant Trip

Thursday, May 15

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

Friday, May 16

- Air Drying Principles
- Lab Evaluation of Stress Relief
- Drying Defects
- New Kiln Features

Registration

Registration and payment will be required by May 2, 2014. The registration fee is \$275 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.

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

cnr.ncsu.edu/blogs/wpe/



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

Instructors

- **Phil Mitchell**
Extension Specialist,
Dept. of Forest Biomaterials
NC State University
- **Harry Watt**
Extension Specialist
Dept. of Forest Biomaterials
NC State University
- **Perry Peralta**
Associate Professor
Dept. of Forest Biomaterials
NC State University
- **Ilona Peszlen**
Associate Professor
Dept. of Forest Biomaterials
NC State University

For More Information

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

Phil Mitchell

(919) 515 - 5581

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