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:
Southeastern Dry Kiln Club

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.

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.

Register Today! Space will be Limited.
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.

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

Registration

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
phil_mitchell@ncsu.edu

A Hands On Course
You will learn by hearing, seeing, and most importantly, by doing!!