



**RAILWAY TIE ASSOCIATION
2017 CROSSTIE GRADING SEMINAR
July 31 – August 3, 2017
Plant – Koppers Plant in Guthrie, KY**

AGENDA

(Committee/ Instructor Key is at Bottom of Page)

Monday, July 31st

5:30 - 6:30 PM - **Reception at Hotel, Sponsored by Koppers**
6:30 PM - **Dinner on your Own**

Tuesday, August 1st

8:00 AM - Welcome and Course Overview
 8:15 - 9:45 AM - Railroad Engineering Principles Used to Develop Tie Specifications [6]
9:50 - 10:00 AM - **Break**
 10:00 – 10:50 AM - Continue with Railroad Engineering Principles [6]
10:50 – 11:00 AM - **Break**
 11:00 – Noon - Continue with Railroad Engineering Principles [6]
Noon - 1:00 PM - **Lunch at Hotel**
 1:00 - 2:00 PM - Wood Identification Basics (Tabs 3-5) [All]
2:00 - 2:10 PM - **Break**
 2:10 - 3:15 PM - Continue with Wood Identification (Tabs 3-5) [All]
3:15 - 3:30 PM - **Break**
 3:30 - 4:30 PM - Continue with Wood Identification (Tabs 3-5) [All]
4:30 - 4:45 PM - **Break**
 4:45 - 5:30 PM - Wood Anatomy and Wood ID Review- One page key [All]
5:30 - 6:30 PM - **Reception at Hotel, Sponsored by Brewco**
6:30 PM - **Dinner on your Own**

Wednesday, August 2nd

8:00 - 8:45 AM - Wood ID with Tie Cut-off Blocks [All]
 8:45 - 10:00 AM - Tie Defects, Grades & Effects on Performance (Tab 6) [4]
10:00 - 10:15 AM - **Break**
 10:15 - 11:15 AM - PowerPoint “Tie Grading 101” plus 150 Tie Grading Station Review (Tab 7) [4]
 11:15 - Noon - Reduced Speed Grading Quiz and Discussion – DVD (Tab 8) [4]
12:00 - 1:00 PM - **Lunch at Hotel**
 1:00 - 2:00 PM - **Drive to Koppers plant in Guthrie, KY**
 2:00PM - 2:30 PM - 3 Tie Stations with Defects [All]
 2:30 PM–4:00 PM - 25 Tie Practicum at the Plant (Tab 8 yellow tab) [All]
 4:30 PM - Drive to Hotel
6:30 PM - **Dinner on your Own**

Thursday, August 3rd

8:00 - 8:20 AM - Demo of Tie Defect App [3]
 8:20 - 9:30 AM - Wood ID Test - Large Block ID (Tab 8 red tab) [All]
9:30 - 9:45 AM - **Break**
 9:45 - 11:20 AM - Insects, Decay, & Seasoning [5]
 - Seasoning, Treating, and Quality Control- with demo (Tab 9) [2,7,9]
11:20 - 11:30 AM - **Break**
 11:30 - 12:00 PM - Final Grading Station Presentation, Quiz, & Discussion – DVD (Tab 8) [3,4]
12:00 - 12:45 PM - **Lunch at Hotel**
 1:00 - 2:00 PM - **Drive to Koppers plant in Guthrie, KY**
 2:00 - 3:00 PM - Tour Treating Plant
 3:00 - 4:30 PM - ID and Tie Grading Practicum (25 Tie Set) (Tab 8 blue tab) [All]
 4:30 PM - Final Words and Evaluations (Tab 10) [3]
5:00 PM - **Adjourn**

Instructors & Committee: (1) Marshall Allen; (2) Terry Conners; (3) Jim Gauntt; (4) Robert Pearce; (5) Jim Ringe; (6) John Zusanp; (7) Brad Crawford; (8) Ted Woerle; (9) Nate Irby