



Southern Pine Inspection Bureau

Quality. Together



Guide to Treated Wood Quality Control



SPIB Guide To Treated Wood Quality Control

OUTLINE FOR RTA

INCOMING MATERIAL

- General Material Descriptions and Requirements
- Defects and Grade
- Manufacture
- Moisture
- Grade Stamps
- Species

PRODUCT STAGING

- Size
- Grade
- Mill Locations

TREATING PROCESSES

- Initial Vacuum
- Pressure
 1. Minimum Time/Maximum Pressure
 2. Flow Rate
 3. Gross Injection
- Final Vacuum

COMMONLY USED PRESERVATIVE SYSTEMS

IN-PLANT QC REQUIREMENTS

- Penetration
 1. Requirements
 2. Determination of Penetration by Chemical Assay
 3. Sampling Pattern
- Retention
 1. Assay Zones
 2. X-Ray
 3. Sample Preparation
 4. Titration and HPLC
 5. Extraction
 6. Accurate Weights and Measurements
 7. Pipetting Instructions
 8. Analyzer Verification
 9. Results of Retention
- Product Correction
- IQC Records and Responsibilities

Third Party Quality Control Requirements

- Accreditation
- AWWA Standard M22
 1. APCC
 2. LCL
- AWWA Standard M23
- Plant Qualification, Disqualification and Requalification

Product Labeling

