

Category 2A – Wood-Destroying Organism Treatment

Test Plan Development

I. Identification

- a. Termites
 - i. Subterranean
 - 1. Insect
 - 2. Damage/ Evidence/ Characteristics
 - ii. Drywood
 - 1. Insect
 - 2. Damage/ Evidence/ Characteristics
 - iii. Dampwood
 - 1. Insect
 - 2. Damage/ Evidence/ Characteristics
- b. Beetles
 - i. Re-Infesting
 - 1. Powder Post
 - a) Insect
 - b) Damage/ Evidence/ Characteristics
 - 2. Old House Borer
 - a) Insect
 - b) Damage/ Evidence/ Characteristics
 - 3. Deathwatch
 - a) Insect
 - b) Damage/ Evidence/ Characteristics
 - ii. Non Re-Infesting
 - 1. Bark
 - a) Insect
 - b) Damage/evidence/characteristics
 - 2. Long-horned
 - a) Insect
 - b) Damage/evidence/characteristics
 - 3. Metallic Wood-Borer
 - a) Insect
 - b) Damage/evidence/characteristics
- c. Carpenter Ants
 - 1. Insect
 - 2. Damage/evidence/characteristic
- d. Carpenter Bees
 - 1. Insect
 - 2. Damage/evidence/characteristic
- e. Conditions Conducive

II. Read and Comprehend Label & Labeling

- a. Calculating Chemicals
- b. PreTreatments
 - i. Monolithic
 - ii. Floating
- c. Post Treatments
- d. Borates/ New Construction Treatments

III. Inspection

- a. Equipment
- b. Exterior
- c. Interior
- d. Attics, Crawlspace, Garages
- e. Additional Structures on the Property

IV. Wood-Destroying Insect Inspection Report (WDIIR)

- a. Completing the form
 - i. Sections 1, 2, 3, 4, and 5
- b. Inspected and Uninspected Structures
 - i. Section 6
- c. Obstructed or Inaccessible Areas
 - i. Section 7
- d. Visual Inspection of Accessible Areas
 - i. Section 8
 - ii. Section 9
 - iii. Section 10
- e. Statement of Inspector
 - i. Sections 11 and 12
- f. Statement of Purchaser
 - i. Sections 13 and 14
- g. Conditions Conducive to Infestation
 - i. Section 15 – Wood to Earth Contact
 - ii. Section 16 – Excessive Cellulose Debris
 - iii. Section 17 – Faulty Grades
 - iv. Section 18 – Excessive Moisture (Evidence of)
 - v. Section 19 – Inaccessible Areas
 - vi. Section 20 – Evidence of Previous Treatment
- h. Graphs of the Structure(s)

V. Pest Management Plan

- a. Environmental Risks
 - i. Groundwater
- b. Application Techniques

- i. Pre-Treatment
 - 1. Monolithic Slab
 - 2. Floating/ Supported Slab
 - 3. Square footage
 - 4. Linear footage
 - 5. Depth of Foot
 - 6. Hollow Block
 - ii. Post Treatment
 - 1. Sub Slab
 - 2. Trench & Rod
 - 3. Broadcast
 - 4. Spot Treatment
 - iii. Sub Slab Construction
 - iv. Raised Floor
- c. Planning and Implementation
- i. Measuring and Graphing
 - ii. Calibration, Mixing, and Loading
 - iii. Equipment – Types, Uses, Maintenance

VI. Laws & Rules

- a. Statutes
 - i. Article 4 – Wood-Destroying Organisms
- b. Rules
 - i. Article 1 – R3-8-102 – Certification Categories; Scope (2a) Wood-Destroying Organism Treatment, (2b) Wood-Destroying Insect Inspection, (7) Wood Preservation
 - ii. Article 3 – R3-8-307 – Performing a Wood-Destroying Insect Inspection; WDIIRs
 - iii. Article 3 – R3-8-308 – Performing Wood-Destroying Insect Management
 - iv. Article 3 – R3-8-309 – Termite Warranties and Retreatments
 - v. Article 5 – R3-8-501 – Applicator Recordkeeping (E - F)
 - vi. Article 5 – R3-8-503 – Business License and Political Subdivision Recordkeeping and Retention (B-D) (CQA specific)
 - vii. Article 5 – R3-8-505 – Groundwater Protection List Reporting (CQA specific)

Resources – [Arizona Revised Statute Title 3 Chapter 20](#); [Arizona Administrative Code Title 3](#); [National Pesticide Applicator Certification Core Manual](#); Truman's Scientific Guide to Pest Management Operations – 7th Edition; and [Handbook on Pests of Community Environments in the Desert Southwest United States](#)