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