Wood-Destroying Organism Treatment & Inspection

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
      i. Insect
      ii. Damage/ Evidence/ Characteristic
   d. Carpenter Bees
      i. Insect
      ii. Damage/ Evidence/ Characteristic
   e. Conditions Conducive

II. Read and Comprehend Label & Labeling
   a. Calculating Chemicals
   b. Pre-Treatments
      i. Monolithic
   c. Post Treatments
   d. Borates/ New Construction Treatments

III. Inspection
   a. Equipment
   b. Exterior
   c. Interior
   d. Attics, Crawlspeces, 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
e. Statement of Inspector  
i. Sections 11 and 12  
g. Conditions Conducive to Infestation  
i. Section 15 – Wood to Earth Contact  
ii. Section 17 – Faulty Grades  
v. Section 19 – Inaccessible Areas  
f. Statement of Purchaser  
i. Sections 13 and 14  

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. Equipment – Types, Uses, Maintenance  

VI. Laws & Rules  
a. Arizona Revised Statutes (a.k.a. Laws)  
i. Article 4 – Wood-Destroying Organisms  
b. Arizona Administrative Code (a.k.a. Rules)  
i. Article 1 – General and Administrative Provisions  
1. R3-8-102 (3) – Certification Categories; Scope; State-only Categories  
ii. Article 3 – Pest Management  
1. R3-8-307 – Performing a Wood-Destroying Insect Inspection; WDIIRs  
2. R3-8-308 – Performing Wood-Destroying Insect Management  
3. R3-8-309 – Termite Warranties and Retreatments  
iii. Article 5 – Recordkeeping and Reporting  
1. R3-8-501 (E & F) – Applicator Recordkeeping  
2. R3-8-503 (B - D) – Business License and Political Subdivision Recordkeeping and Retention (QA specific)  
3. R3-8-505 – Groundwater Protection List Reporting (QA specific)  

Resources:  
- Arizona Revised Statute Title 3 Chapter 20 & Arizona Administrative Code Title 3 Chapter 8 – Pest Management Division;  
- 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