

# ELECTRONIC INSECT TRAPS

Prepared by: \_\_\_\_\_

Verified by: \_\_\_\_\_

## PART 1 — GENERAL

### 1.1 SECTION INCLUDES

- A. Section provides for the installation of a complete and functional system of electronic insect traps (also called insect electrocutors, EFK's, insect light traps, ILT's, or "bug zappers").

### 1.2 SUBMITTAL

- A. Product Data: Printed data of physical characteristics, electrical component listing, and installation requirements for each type of unit specified.

### 1.3 PROJECT CONDITIONS

- A. Check each unit location on drawings and existing buildings to ensure that adequate space is available for the installations. Also, ensure that unit installations will not interfere with, or inhibit proper door operations, new screen doors and other installations near units. If necessary, notify contractor of conflicts, and supply alternate units with similar characteristics, if necessary to fit spaces or prevent interference.
- B. Power will be made available, at each location, by others.

### 1.4 SPARE PARTS

- A. Furnish one carton (smallest lot size available; min. 12 tubes) of extra tubes as replacements for those furnished with units.
- B. Provide complete parts list of all components that make up the units, with part number to be used for reordering process.

### 1.5 WARRANTY

- A. Units shall carry the manufacturer's standard seven (7) year limited warranty.

## PART 2 — PRODUCTS

### 2.1 MANUFACTURERS

- A. Provide standard production electronic insect traps of the following manufacturers, or approved substitute:

1. **INSECT-O-CUTOR®** —1641 Lewis Way, Stone Mountain, GA, USA 30083-1107  
Phone: (770) 939-2835 Fax: (770) 621-0100 EMail: info@insect-o-cutor.com

### 2.2 MATERIALS

- A. Selection for standard of quality: Insect-O-Cutor® Energy-Efficient Model Number 7194E, vertical surface mounting — and/or Insect-O-Cutor® Energy-Efficient Model Number 894E, horizontal hanging.
  1. Note: Unit width is critical at dock door locations. If space between doors will not accommodate installation of specified units, then provide Insect-O-Cutor® Energy-Efficient Model Number 994E (Width: 13.25"); use Model 7194E at all other locations.
  2. Note: For ceiling hung units (Model 894E) at dock doors, O.S.H.A. requires the unit's base be at least 8.5 feet from the floor. Unit must hang perpendicular to door opening; 10 to 15 feet back from the door opening and between doors when possible. If unable to hang between doors, then ensure the unit will not inhibit forklift traffic by adjusting hanging height upward.

## ELECTRONIC INSECT TRAPS — Continued

### 2.2 MATERIALS — CONTINUED

- B. Description: Units shall be fabricated in sizes and with characteristics complying with the standard specifications of the manufacturer and the following;
1. Aluminized steel finish for wall mounting.
  2. Provide manufacturer's standard fasteners (min. two) for each unit with appropriate accessories required for a tight, secure installation on concrete masonry unit walls.
  3. Removable front guard for servicing unit.
  4. Removable internal metal insect collection drawer.
  5. Safety-switch to automatically shut off power for servicing.
  6. Min. three (3) Type T8 diameter lamps (2 Type BL — 1 Type BLB), minimum of 105 watts total.
  7. Ballast type must be ELECTRONIC — not magnetic. One per unit.
  8. 120 Volt, 60 Hz. electrical service required.
  9. Provide standard 6 foot, three-wire, grounding type cordset.

### PART 3 — EXECUTION

#### 3.1 EXAMINATION

- A. Examine areas and conditions (especially between dock doors) for adequate space and compliance with requirements for installation tolerances and other conditions affecting installation and performance of units.
1. Do not proceed with installation if space or other conditions are unsatisfactory.

#### 3.2 INSTALLATION

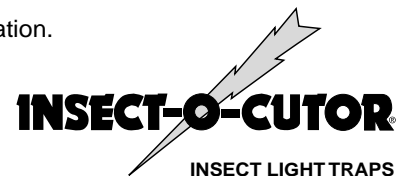
- A. Wall Mount Models: Mount units on walls securely — level, plumb and in full compliance with manufacturer's requirements; with bottom of the unit no higher than 48 inches above the finished floor level and no lower than 18 inches from the finished floor level.
- B. Ceiling-Hung Models: Hang securely and level in full compliance with manufacturer's requirements; with the bottom of the unit no lower than 8.5 feet from the finished floor level.
- C. Do not remove safety/warning precaution or hazard labels.
- D. Tie excess power cord into a neat loop, or coil; do not leave cord loosely hanging.

#### 3.3 ADJUSTING AND TESTING

- A. At completion of installation, test all units for proper and effective operation (lamps light and electrical grid "zaps").
- B. Adjust components and accessories where necessary for proper operation.

#### 3.4 CLEANING

- A. After installation, clean units according to the manufacturer's instructions.
- B. Remove surplus materials, packaging, rubbish and debris resulting from installation. Leave installation areas neat, clean and ready for use.
- C. Save product literature for General Contractor and end user.



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