

IPM CURRICULUM FOR ELECTRICIANS

LOW-RISK INTEGRATED PEST MANAGEMENT TRAINING

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INSTRUCTION UNITS IN THIS LESSON PLAN:

1. The IPM policy, what it does, what not to do, your role in policy implementation, how to activate pest management help, expectations from Pest Management Technicians.
2. Electrician skills – design, layout and installation of conduit, wiring and electrical equipment to eliminate access to structures and avoid attracting flying insects to sites.
3. Observation and reporting.

PERFORMANCE OBJECTIVES:

Unit #	Objective of Performance	Importance	Learning Difficulty
1	Know policy, understand roles in policy implementation and know how to get low-risk pest management help.	Very Important	Moderate
2	Know electrician skills so that pest access to structures is eliminated through electrical wiring, conduit or equipment, and not attracted to structures.	Important	Moderate
3	Be able to recognize and report evidence of pest activity in sites.	Important	Easy

KEY:

IMPORTANCE: Very important, important, not too important

OBJECTIVE OF PERFORMANCE: Must know, be familiar, have knowledge, understand, perform, demonstrate, etc.

LEARNING DIFFICULTY: Difficult, Moderate, Easy, Moderate to Very Difficult

ELECTRICIAN LESSON PLAN

PREPARATION DATE: May 9, 2008

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UNIT OF INSTRUCTION: Low-risk IPM Policy Implementation

TITLE OF LESSON: Policy, roles and pest management help, electrician skills; observation and reporting.

INSTRUCTIONAL OBJECTIVE: Know the IPM policy, roles in implementation and how to get pest management help. Through electrician skills, eliminate pest access to structures. Observe and report evidence of pests.

TIME ALLOTTED FOR LESSON: 3 hours
METHOD OF INSTRUCTION: Lecture, guided discussion
INSTRUCTIONAL RESOURCES: Manual, overhead transparencies, slides, pest mounts
A/V EQUIPMENT: Flip chart, PPT, slide projector, overhead projector, screen

GENERAL PLAN OF PRESENTATION: Self introduction, student introductions, policy development and features. Attendees will understand roles in implementation, how to get pest management help, through electrician skills eliminate pest access to structures, observe and report evidence of pest activity.

INTRODUCTION: Names and roles of instructors, student introductions. Why are we here? Implementation of low-risk pest management policy. Why a policy? What does it do? Everyone has a role in the policy's implementation.

EXPLANATION/APPLICATION/PRESENTATION:

1. Electrician skills are important to eliminate pest access through conduit, over wires, or through electrical equipment into structures. Where these penetrate walls, floors or other structural components of buildings are vulnerable to pest entry, so must be sealed as a preventive measure.
2. Electricians should be knowledgeable about lighting that is not attractive to flying insects to prevent night-time infiltration. As electricians may work in sites and environments that are seldom entered by other personnel, it is important that you be able to recognize and report conditions and evidence of pest activity so that pest management action can be taken.

CONCLUSIONS/SUMMARY: Low-risk pest management requires dedication and may be tedious and time-consuming when performed correctly. A thorough understanding of why such procedures are so important frequently imparts a degree of significance to even the most mundane task. The skills of electricians are important to the successful implementation of a low-risk pest management policy.

ELECTRICIAN LESSON PLAN UNIT ONE

COURSE DESCRIPTION: Low-Risk Integrated Pest Management Implementation
 SUBJECT MATTER: Policy, Roles, How to Activate Pest Management Help
 UNIT OF INSTRUCTION: Unit 1: Lecture, PPT or Overhead Transparencies, 30 minutes

INSTRUCTIONAL PROCEDURE:

No.	Instructional Sequence (Tasks)	Instruction Method (Performance)	Learning Difficulty
1	Policy, history, implementation	Lecture, PPT, overheads	Easy
2	What's different, IPM definition, do's, precautionary principle, approved product list, notification, posting, emergency approval, training	Lecture, PPT, overheads	Easy
3	Don'ts, only licensed Pest Management Technicians apply pesticides, remove harborage (clutter), no BAN, phase out pesticides over time	Lecture, PPT, overheads	Moderate
4	Roles, sanitation, no food, pest-proof food storage, eliminate clutter, observation and reporting, teach others	Lecture, PPT, overheads	Moderate
5	Reportable conditions, pest sighting, pest evidence, droppings, gnawings, webbing, fecal focal points, scattered trash, etc.	Lecture, PPT, slides, display	Difficult
6	Facilities Manager, point of contact, may examine situation, call to report, information directed to appropriate office	Lecture, PPT, overheads	Easy
7	Expectations, pest management technicians respond, emergencies that day, thorough inspection and monitoring	Lecture, PPT, overheads	Easy
8	Low-risk pesticide application, follow-up, repair structural defects, prevent pest access	Lecture	Easy
9	Basics of IPM: exclusion, sanitation, habitat modification, inspection, monitoring, low-risk pesticides, records	Lecture	Moderate

INSTRUCTIONAL SEQUENCE: What comes first, chronological order
 METHOD OF INSTRUCTION: Lecture, demonstration, performance, discussion

ELECTRICIAN LESSON PLAN UNIT TWO

COURSE DESCRIPTION: Low-risk Integrated Pest Management Implementation
 SUBJECT MATTER: Electrician Skills
 UNIT OF INSTRUCTION: Unit 2: PPT or slides, lecture, 45 minutes

INSTRUCTIONAL PROCEDURE:

No.	Instructional Sequence (Tasks)	Instruction Method (Performance)	Learning Difficulty
1	Electrician skills in design, layout and installation of electrical lines, conduit and equipment are important to prevent pest access.	Lecture	Moderate
2	Lighting equipment placement and color frequency important to not attract flying insects to structures.	Lecture, PPT or slides	Moderate

ELECTRICIAN LESSON PLAN UNIT THREE

COURSE DESCRIPTION: Low-Risk Integrated Pest Management Implementation
 SUBJECT MATTER: Observation and Reporting Pest Presence
 UNIT OF INSTRUCTION: Unit 3: PPT, slides, lecture, 1 hour 15 minutes

INSTRUCTIONAL PROCEDURE:

No.	Instructional Sequence (Tasks)	Instruction Method (Performance)	Learning Difficulty
1	Recognition and reporting of pest evidence on sites where electricians have access in their work.	Lecture - Slides	Moderate

INSTRUCTIONAL SEQUENCE: What comes first, chronological order
 METHOD OF INSTRUCTION: Lecture, demonstration, performance, discussion