

IPM CURRICULUM FOR FLOOR COVERING INSTALLERS
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. Concepts of low-risk IPM: exclusion, sanitation, habitat modification, behavior changes.
3. Recognize evidence of pest presence.
4. Reporting pest presence.

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 the basic concepts of low-risk pest management: exclusion, sanitation, habitat modification.	Important	Easy
3-4	Recognize evidence of pest presence and report it.	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

FLOOR COVERING INSTALLER 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, floor covering skills; observation and reporting.

INSTRUCTIONAL OBJECTIVE: Know the IPM policy and basic IPM concepts. Recognize evidence of pest presence and know how to report pest observations.

TIME ALLOTTED FOR LESSON: 3 hours

METHOD OF INSTRUCTION: Lecture, guided discussion

INSTRUCTIONAL RESOURCES: Manual, overhead transparencies, slides, demo materials, handouts

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 the IPM policy and their roles in implementation, basic concepts of IPM (exclusion, sanitation, habitat modification), recognition of pest evidence, report observations, summary.

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? Understand their role in implementing the low-risk IPM policy. What are the basic pest management components: exclusion, sanitation, habitat modification. Recognition of evidence of pest presence: termites, rodents, cockroaches, ants, mold, wood-destroying organisms, and reporting pest presence.

EXPLANATION/APPLICATION/PRESENTATION:

1. Using PPT or slides and demonstration materials, learn a variety of pests and their evidence of presence in a site.
2. Be able to report pest evidence to obtain assistance in managing the pests.
3. Summarize information.

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 floor covering installers are important to the successful implementation of a low-risk pest management policy.

FLOOR COVERING INSTALLER 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, 40 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

FLOOR COVERING INSTALLER LESSON PLAN UNIT TWO

COURSE DESCRIPTION: Low-risk Integrated Pest Management Implementation
 SUBJECT MATTER: Basic Concepts of Low-Risk Pest Management
 UNIT OF INSTRUCTION: Unit 2: Lecture, Guided Discussion – 45 minutes

INSTRUCTIONAL PROCEDURE:

No.	Instructional Sequence (Tasks)	Instruction Method (Performance)	Learning Difficulty
1	Basic concepts of low-risk pest management – exclusion.	Lecture, slides, guided discussion	Easy
2	Basic concepts of sanitation – removal of food and water.	Lecture, guided discussion	Easy
3	Basic concepts of habitat modification – remove clutter and shelter.	Guided discussion	Easy
4	All organisms need access to air, water, food, shelter, adequate temperature and light (plants).	Guided discussion	Easy

FLOOR COVERING INSTALLER LESSON PLAN UNIT THREE

COURSE DESCRIPTION: Low-Risk Integrated Pest Management Implementation
 SUBJECT MATTER: Recognize Evidence of Pest Presence
 UNIT OF INSTRUCTION: Unit 3: Lecture, Demonstration – 60 minutes

INSTRUCTIONAL PROCEDURE:

No.	Instructional Sequence (Tasks)	Instruction Method (Performance)	Learning Difficulty
1	Recognition of cockroaches and other crawling insects – signs	Lecture, slides, demonstration	Moderate
2	Recognition of termites and wood-boring insects – signs	Lecture, slides, demonstration	Moderate
3	Recognition of bees, wasps and ants – signs	Lecture, slides, demonstration	Moderate
4	Recognition of mice, rats and other vertebrate animals – signs	Lecture, slides, demonstration	Moderate
5	Recognition of mold, fungi and wood rot – signs	Lecture, slides, demonstration	Moderate

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

FLOOR COVERING INSTALLER LESSON PLAN UNIT FOUR

COURSE DESCRIPTION: Low-risk Integrated Pest Management Implementation
 SUBJECT MATTER: Reporting Procedures
 UNIT OF INSTRUCTION: Unit 4: Guided Discussion – 35 minutes

INSTRUCTIONAL PROCEDURE:

No.	Instructional Sequence (Tasks)	Instruction Method (Performance)	Learning Difficulty
1	Why should we report observations of pest presence?	Guided discussion	Easy
2	What should we report? Pest name, specific location, when, how many, etc.	Guided discussion	Easy
3	Who should we send report to? Facilities Manager – Supervisor.	Guided discussion	Easy
4	Expectations: Pest Management Technician response, inspection, action, monitoring, follow-up with repairs and exclusion.	Lecture	Easy

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