

IPM CURRICULUM FOR SHEET METAL 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. Sheet Metal skills: important for excluding cats, rodents, birds and other vertebrate pests.
3. Observation and reporting.

PERFORMANCE OBJECTIVES:

Unit #	Objective of Performance	Importance	Learning Difficulty
1	Know the IPM policy, understand roles in policy implementation and know how to get low-risk pest management help.	Very Important	Moderate
2	Understand how Sheet Metal skills are important to exclude vertebrate pests from structures.	Important	Easy
3	Recognize evidence of vertebrate pests and know how to report observations so Pest Management Technicians can take action.	Important	Moderate

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

SHEET METAL 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, sheet metal skills, observation and reporting.

INSTRUCTIONAL OBJECTIVE: Sheet Metal Installers will know the low-risk IPM policy, their role in implementation, and how to get pest management help. Understand importance of sheet metal work to exclude vertebrate pests. Recognize and report evidence of pests.

TIME ALLOTTED FOR LESSON: 3 hours

METHOD OF INSTRUCTION: Lecture, guided discussion, demonstration

INSTRUCTIONAL RESOURCES: Manual, slides

A/V EQUIPMENT: Flip chart, PPT, slide projector, overhead projector, screen

GENERAL PLAN OF PRESENTATION: Introductions. Attendees will understand the IPM policy and their roles in implementation, how to get pest management help, sheet metal work for excluding vertebrate pests, recognition of evidence of vertebrate pests.

INTRODUCTION: Names and roles of instructors, student introductions. Why are we here? Reasons for the low-risk pest management policy. What does it do? IPM definition, prevention philosophy, etc.

EXPLANATION/APPLICATION/PRESENTATION:

1. Sheet metal skills are important for excluding vertebrate pests from structures: birds, cats, rats, mice and other vertebrate pests.
2. Close tolerances for joints, corners are important, mice can go through a hole just a little larger than ¼ inch.
3. Observation of pest evidence and reporting it to get action by Pest Management Technicians is also important to reduce the pest problems in structures.

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. Sheet Metal installation is very important to achieving pest prevention.

SHEET METAL 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, 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

SHEET METAL INSTALLER LESSON PLAN UNIT TWO

COURSE DESCRIPTION: Low-risk Integrated Pest Management Implementation
SUBJECT MATTER: Sheet Metal Skills
UNIT OF INSTRUCTION: Unit 2: PPT, Slides, Lecture – 45 minutes

INSTRUCTIONAL PROCEDURE:

No.	Instructional Sequence (Tasks)	Instruction Method (Performance)	Learning Difficulty
1	Sheet metal skills – exclusion methods for vertebrate pests.	Lecture, slides, demonstration	Easy

SHEET METAL INSTALLER LESSON PLAN UNIT THREE

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

INSTRUCTIONAL PROCEDURE:

No.	Instructional Sequence (Tasks)	Instruction Method (Performance)	Learning Difficulty
1	Evidence of rodent activity.	Lecture, slides, demonstration	Moderate
2	Evidence of bird activity.	Lecture, slides, demonstration	Moderate
3	Evidence of other vertebrate activity.	Lecture, slides, demonstration	Moderate

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