

## Lead-Safe and Healthy Homes Work Practices

### National Healthy Homes Training Center and Network Training Proposal for Consideration by Curriculum Committee

- A. *Proposed name of course:* **Lead-Safe and Healthy Homes Work Practices**
- B. *Contact Information for Person(s) Making Proposal:* **Dennis Livingston of Community Resources and Tom Neltner of NCHH.**
- C. *Is this a proposal to pilot a training course or to finalize a training course that has already been piloted? If it is a proposal to pilot a course, you do not need to provide a copy of the course materials.* **This is a proposal to pilot the course.**
- D. *Who are the anticipated trainers for the course and what is their relevant experience?* **Dennis Livingston.**
- E. *Has this course been offered previously? If yes, explain when and where it was offered and how the course went.* **Yes, Dennis piloted the course in Indianapolis in May 2006. The course was hosted by the Environmental Management Institute and the Marion County Health Department. It went reasonably well but needs revisions based on that experience. Similar versions of the course have been presented about 14 times.**
- F. *How long will the course be?* **Two days**
- G. *What is the minimum and maximum class size? No less than 15 and no more than 30. For a class of 30 the in-field aspect would be presented in two 15 person presentations. (The course was once presented to 110 people followed by 6 in-field seminars over the next 2 days.)*
- H. *What is the anticipated schedule, if any, to offer the courses?* **Several university training partners have expressed an interest in offering the course. And there is an interest in 3 other cities.**
- I. *Provide the context in which the course will be offered. Who will host the course? How will it be promoted?* **The course requires three things that make it difficult to offer:**
- 1. Vacant house. The training requires the use of a vacant house for two days to set up and two days to present– at least the afternoon of both days. The house must have electricity and running water. In place of a vacant house, the demonstrations can be set-up in a training facility but it is far more effective to work in a vacant house where actual window, door, wall, floor, moisture, and ventilation solutions can be demonstrated.**
  - 2. Tools. The training features demonstrations of various tool and equipment that can be used for the lead-safe and healthy homes work practices. While many vendors are willing to ship the tools to the training site at no charge, accepting the tools and sending them back can be complicated. We are planning to find funds to purchase a set of tools and supplies and have it shipped to the training site.**

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The local host will only need to provide some additional items such as a ladder. When completed, the local host would return the package to Community Resources. The box would probably be 3' x 3' x 6'. We have not yet estimated the costs.

3. **Prep.** Preparing the location is time consuming. It will usually take two days of set-up time. If held at a regular location, then it will take less time.

Students will receive HUD-approved lead-safe work practices training as part of the course. Then during the course, they will be trained around actual painted surfaces that may contain lead.

The course works best if hosted and promoted by a trusted resource for property managers such as the local landlords association, an organization such as a minority contractors association, or a Health or Housing Department that offers job opportunities. It was a housing department that made the ability to bid on a municipal funded job prerequisite on taking the course that achieved the 110 person attendance.

- J. *Who is the target audience for the course? Are there any significant secondary audiences?* **The target audience is maintenance supervisors for property managers. Secondary audiences are the staff of the supervisors and small contractors for the property manager who are hired to handle bigger projects.**
- K. *Provide an agenda for the course. See page 3.*
- L. *Describe the course materials for the course? If seeking final approval for the course, attach a copy of the course materials. Dennis has developed the following:*
  1. **Tools, Supplies, and Services List**
  2. **Job Preparation Table**
  3. **ACORN Healthy Homes Contractors Guild**

We need to develop specifications for specific jobs such the following:

1. **Carpet Removal**
  2. **Repairing plaster and drying it out**
  3. **Repairing flashing**
  4. **Repairing flat roof seams**
  5. **Moisture control in basements**
  6. **Preventive maintenance for pest control**
  7. **Window repairs**
- M. *What are the specific learning objectives for the course? See page 4.*
  - N. *How will the trainers evaluate the quality of the course and the knowledge/skills gained by trainees? Students will receive a course evaluation form and short quiz based on the learning objectives.*

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## Planned Agenda

Location: To be held in vacant house with electricity and water

### Day 1

- 8:30 Welcome and Course Overview
- 9:00 Health Hazards in the Home
- Lead
  - Dampness and Mold
  - Pests
  - Carbon Monoxide
- 10:00 Basic Concepts
- 11:00 Workflow Using Healthy Homes Work Practices
- 12:00 *Lunch*
- 1:00 Demonstration I
- Window Repairs – Sash and Frame – Part 1
  - Paint Removal Using Various Tools
    - Sander with HEPA Vacuum
    - Heat gun
    - Scraper with HEPA Vacuum
  - Measuring Moisture
  - Preparing the Work Site
  - Setting Up Safety Station
- 4:30 Find the Right Tools and Supplies
- 5:00 *Adjourn Day 1*

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### Day 2

8:30	Workflow in an Occupied Home – Planning the Project
9:30	Essential Rules and Regulations
10:30	Demonstration II <ul style="list-style-type: none"><li>- Carpet Removal and Replacement</li><li>- Repairing Flashing</li></ul>
12:00	<i>Lunch</i>
1:00	Reading and Updating Specs
2:00	Demonstration III <ul style="list-style-type: none"><li>- Cleanup when work complete</li><li>- Evaluating the job</li><li>- Sealing cracks and holes for pest exclusion</li></ul>
3:30	Communicating with the Client
4:30	Course Evaluation and Quiz
5:00	<i>Adjourn</i>

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### Proposed Learning Objectives

When completing the course, students will be able to:

1. Describe key features on paint removal tools
2. Properly set-up a work area and safety station
3. Read job specifications
4. Describe how to repair and old window including removal of lead-based paint.
5. Explain how to plan the job for occupied spaces.
6. Identify the health hazards associate with dangerous work practices
7. Describe how to cleanup and evaluate a job so residents will not be exposed to health hazards.
8. Describe how to safely replace old carpeting