

# **Decon Double Check**

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Time Requirement: 1 hour total

Number of Instructors: 1 or more, consistent with ratio in the Minimum Criteria

## **Materials**

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- Participant Guide and worksheets
- Whiteboard or equivalent; markers
- Checklists (one per participant)
- Tables for supplies
- Space for decon activities
- Different types of boots
- Glo Germ See <http://www.glogerm.com/> or Glitterbug.
- black light
- Supplies for Decon of boots and disposal of contaminated materials, at minimum:
  - Plastic sheeting, 15' x 45' minimum, 4 mil thick or greater
  - Buckets or dishpans for water or other solutions
  - Assorted brushes, at least 1 for each group
  - Decon solutions
  - Trash bins with liners

### Objectives

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When completed, participants will be better able to:

- Identify if contamination remains after decon

### Teaching Methods

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- Presentation/discussion
- Small-group activity

### Suggested Instructor Preparation

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- Review Participant Guide and exercise
- Review 29CFR1910.120(k) and especially 29CFR1910.120(k)(2)(iv).
- Test web links prior to the session and If any are inoperative please notify your Program Director
- Review the Chemical Protective Clothing (CPC), Work Practices and Decon sections of the program that these participants have completed
- Obtain company-specific Standard Operating Procedures (SOPs) through reconnaissance or design a Standard Operating Guide (SOG) for an open enrollment program. It may be useful to have procedures for both wet and dry decon, to contrast the results
- Mix GloGerm or Glitterbug with dirt or other material to contaminate the boots. Use a toothbrush to assure stitching or sealed seams are contaminated. Chocolate syrup or shaving cream is often used, but does not 'hide' as well for detection in stitching or seam overlays)
- Prepare copies of the worksheet
- Prepare an outline for notes to be included in the program file
- Assure that you have assembled all the materials needed for the exercise

## **Minimum Content Requirements**

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- Review decon procedures
- Exercise

## **Questions You May Be Asked**

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1. Participants might remark, "We don't do it this way in our site. So what are we supposed to do?" You should be prepared to facilitate a discussion about working through union or management representatives to facilitate changes in the facility HASP. Emphasize that HAZWOPER requires the development and implementation of written decon procedures.

2. Also, participants may ask, "Am I dragging contaminants around the plant and into my car and home if I don't follow decon properly?" The answer is yes. Use this opportunity to reinforce the need for proper decon to protect family members and the community.

3. "What do I do when my employer tells me there is no budget to get new equipment, but the boot is ripped?". Be prepared to facilitate a discussion on strategies to improve the company CPC program through discussions with employee or management representatives. Emphasize that the law requires that employers provide adequate protection from respiratory hazards.

## **Presentation of the Session**

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This session can be presented as follows:

Review the objective

## **Pre-Planning for Decontamination**

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Ask: Why is planning important?

## **Decontamination Procedures**

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Review the decon procedures. Present the SOG or SOP for the exercise and review. Any liquids and disposables used for decontamination must also be decontaminated or disposed of properly.

## **Exercise – Decontamination**

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During this exercise participants will work in pairs, while each decons a boot.

Participants should identify the main steps in the decon; it may be useful to list these on your board, for easy access during the decon.

After the decon procedure, the effectiveness of the decon will be evaluated using the black light. Use care when using the UV light; shine it ONLY on the PPE to prevent any burns to participants or instructors.

The Worksheet is appended to this Facilitator Guide.

## **Summary**

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Review the learning objective.

Lead a discussion on how the contamination on the boots could be reduced.

Ask: Based on this exercise, what takeaways do you have as you go back to work?

List them on a writing surface viewable by all

Answer any remaining questions.

## **Follow up**

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Make this exercise better:

Forward suggestions to your Program Director

Are there other 'Questions you may be asked' that should be included?

Organize the listing of 'takeaways' and forward to your Program Director. These are very important impacts to report to NIEHS.

Name: \_\_\_\_\_

Buddy's Name: \_\_\_\_\_

**PPE Hazard Control - Decon Double Check**

1. Decon procedures were available for:

a. Boot  Yes  No

Type \_\_\_\_\_

b. Other PPE  Yes  No

Type, size \_\_\_\_\_

2. What type of decon did you do?

a. physical  Yes  No

b. chemical  Yes  No

c. rinsing off  Yes  No

d. disinfecting  Yes  No

e. combination of above (multiple checks, above)  Yes  No

3. Did you inspect the boot after decon?  Yes  No

4. Did you detect any remaining contamination?  Yes  No

5. Did you dispose of supplies according to the decon plan?  Yes  No

Date \_\_\_\_\_ Instructor's Signature: \_\_\_\_\_