

RCT/HPT Site Standard OJT Program
OJE Evaluator Reference

Course Number: **022306**

Course Title: RCT/HPT OJT/OJE Task – Personnel/Effects Decontamination

Task Title: Personnel/Effects Decontamination

Form(s) Radiological Survey Report
Skin Contamination Report
Personal Effects Contamination Report
Condition Report
Issue Form (WCH Only)
[Generic forms may be used in lieu of contractor/facility specific forms]

Terminal Objective: Demonstrate and document a Personnel/Personal Effects Decontamination

Objectives – Part A	
Method	Task
D	<p>Discuss allowances addressed in the procedure in conjunction with the decon of personnel or personal effects – Must steps be performed in order? Can steps run parallel paths?</p> <p><i>Due to the variable conditions and possible emergency conditions associated with personnel decontamination, the efforts may be performed in parallel or in varying order</i></p> <p><i>The procedure provides general guidance for performing personnel decontamination.</i></p> <p><i>RadCon Supervision/management or medical personnel can prescribe alternate methodologies at any time to address unexpected or changing conditions</i></p>
D	<p>Describe the Precautions/Limitations/Cautions associated with decon of personnel</p> <p><i>Decontamination and/or contamination monitoring SHALL NOT take precedence over the condition of the individual or of medical care</i></p>

Objectives – Part A

Method	Task
	<p><i>Prior to beginning decon efforts, determine if the suspected contaminated individual has had a recent medical injection.</i></p> <p><i>If skin irritation occurs, decontamination efforts should be discontinued</i></p> <p><i>Decontamination of contaminated items or of the affected individual should only be attempted with their permission prior to each step of the decontamination effort. If the individual does not want the decontamination step performed, contact the cognizant RadCon Supervisor</i></p> <p><i>Determine the approximate size of the contaminated area in cm² and document the results. If the contamination is assumed to be a Hot Particle, use 1 cm² and denote as a hot particle on the appropriate form</i></p> <p><i>Determine the estimated time the contaminated item was on the person and document the results</i></p> <p><i>Do not stop an injured worker from using an available eye wash station. Control the eye wash station as appropriate</i></p> <p><i>Once level of contamination is less than detectable with field survey instrumentation discontinue decontamination efforts</i></p> <p><i>Ensure appropriate level of Personal Protective Equipment (PPE) is worn during decontamination effort. Minimum required is surgeon gloves</i></p> <p><i>Take steps to prevent contaminated fluids from entering body openings or spreading to uncontaminated areas and wounds</i></p> <p><i>Contact RadCon supervision if available decontamination methods are unsuccessful</i></p>
D	<p>Describe the steps involved with general body decontamination.</p> <p><i>If one-third or more of the body is contaminated it is considered general body contamination, RadCon supervision/management will evaluate the necessity for contacting and/or activating site medical or decon facilities, depending on the extent and location of contamination and the ability to perform the decon in the field</i></p>

Objectives – Part A	
Method	Task
	<p><i>Prior to transport, take measures necessary to prevent spread of contamination on the individual and the surrounding clean area</i></p> <p><i>If transported to a decon shower, provide direction on methods to prevent contamination from entering the body openings</i></p> <p><i>Have the worker shower</i></p> <p><i>Have the worker pat dry thoroughly with suitable absorbent material</i></p> <p><i>Perform whole body survey of the worker</i></p> <p><i>NOTE: Wiping or rubbing may spread contamination</i></p>
D	<p>Describe the steps involved with decon of a localized area of contamination.</p> <p><i>Use of tape may be used for particles</i></p> <p><i>Wipe the area with a baby-wipe type cloth. If more extensive cleaning is needed, the use of waterless hand cleaner or soap and lukewarm water may be utilized</i></p> <p>Use of scrubbing-type soap may be useful on areas of thick skin.</p> <p><i>Pat dry thoroughly with suitable absorbent material</i></p> <p><i>Resurvey the area and take actions as applicable</i></p> <p><i>Perform whole body survey of individual when the decon of the localized area has been completed.</i></p> <p><i>If a large portion of the hair is contaminated, follow steps for general body decontamination</i></p>
D	<p>Describe the requirements if the survey indicates facial contamination.</p> <p><i>Perform nasal smears (CHPRC/WPRS/MSA Only)</i></p> <p><i>Perform nose blows if nasal smears show contamination (WCH skip nasal</i></p>

Objectives – Part A	
Method	Task
	<p><i>smears and perform nose blows only)</i></p> <p><i>Have the individual rinse their mouth, directing them to not swallow the water and spit the rinse water into a controlled container</i></p> <p><i>Decon of the eyes (CHPRC Allowed), inner ears, and nasal decontamination beyond nose blows will not be performed except under medical supervision</i></p>
D	<p>Describe performing a personnel decontamination</p> <p><i>Once area of contamination is localized, take measures to prevent spread</i></p> <p><i>Decontaminate area using soap and water, “baby wipes”, dry gauze, etc.</i></p> <p><i>Ensure area is dry by patting not rubbing and re-survey</i></p> <p><i>If no contamination is present at area perform whole body survey and notify RadCon Supervision of results</i></p> <p><i>If contamination is still present but in reduced levels repeat decon efforts until un-detectable or no longer being reduced in level</i></p> <p><i>Once the level is no longer being reduced or skin irritation occurs contact RadCon Supervisor for further direction</i></p>
D	<p>Define what are considered personal effects</p> <p><i>Personal effects are items worn (clothing, jewelry, glasses, etc) that belong to an individual whether it is personal property or company property assigned to that individual</i></p>
D	<p>Describe the Precautions/Limitations/Cautions associated with decon of personal effects.</p> <p><i>Obtain permission from owner prior to beginning decon effort and prior moving to the next decon method</i></p> <p><i>Determine the approximate size of the contaminated area in cm² and</i></p>

Objectives – Part A

Method	Task
	<p><i>document the results. If the contamination is assumed to be a Hot Particle, use 1 cm² and denote as a hot particle on the appropriate forms</i></p> <p><i>Determine the estimated time the contaminated item was on the person and document the results.</i></p> <p><i>Decon of personal items may be attempted by the owner with assistance from the RCT with approval of RadCon Supervision who will review workers qualifications</i></p> <p><i>Soap and water are not to be used on “Dry Clean Only” items without the owner’s consent</i></p> <p><i>The use of liquids on porous materials may cause the contamination to soak deeper into the material</i></p>
D	<p>Discuss considerations for decontamination of personal effects</p> <p><i>Carefully remove the contaminated item to minimize any possible exposure to the individual’s skin</i></p> <p><i>Cover the contaminated area with tape or some other covering that may aid in the removal of the item without cross-contaminating the individual</i></p> <p><i>Perform a whole body survey</i></p> <p><i>If any contamination found, decon the individual first</i></p> <p><i>Perform follow-up surveys</i></p> <p><i>Return the item to the individual if no contamination is found on the item</i></p> <p>It will be the responsibility of the individual’s management to properly dispose of contaminated items, if they cannot be decontaminated and released.</p> <p>When using abrasive tools and techniques, be careful to avoid spreading the contamination to other areas.</p>

Objectives – Part A	
Method	Task
D	<p>Describe the requirements if the contaminated item is non-porous</p> <p><i>Wash ONLY the contaminated area with a soap and water solution using an absorbent applicator</i></p> <p><i>Thoroughly pat the area dry</i></p> <p style="text-align: center;"><u>AND/OR</u></p> <p><i>Use an abrasive tool as needed to remove the contamination. A light brushing or sanding may be sufficient to remove the residual contamination</i></p>
D	<p>Describe the requirements if the contaminated item is porous</p> <p><i>Decontaminate the contaminated area with an abrasive tool to remove the imbedded contamination</i></p> <p style="text-align: center;"><u>AND/OR</u></p> <p><i>Consider cutting out the affected area(s) of the item if the item has spot contamination</i></p> <p><i>If contamination remains, properly package and label the item and store the item in an approved Radioactive Material Area (RMA)</i></p>
D	<p>Describe the supplementary actions required for personnel or personal effects decontamination.</p> <p><i>The RadCon Supervisor will evaluate and make notifications to Dosimetry</i></p> <p><i>Save all decon materials and any contaminated items removed from the individual</i></p> <p><i>Place the items in a plastic bag or other appropriate container and label as radioactive material with the pertinent information (e.g., date, time, individuals HID number, payroll number etc.) and save for potential analysis</i></p>

Objectives – Part B	
Method	Task
PS	Perform and document localized skin decontamination in accordance with procedures. Do not proceed beyond soap and water techniques.
PS	Perform and document facial decontamination in accordance with procedures.
PS	Perform and document nasal smears and decontamination in accordance with procedures.
S	Simulate a blood smear in accordance with procedures.
PS	<p>Perform a decon of personal effects</p> <p><i>Owner of item may perform the decon efforts with assistance from RCT and approval from RadCon Supervisor</i></p> <p><i>Ensure proper PPE is worn during all steps of decon (minimum is surgeons)</i></p> <p><i>Do not use liquids for decontamination of porous items, this technique can cause the contamination to soak deeper into the material</i></p> <p><i>Take steps to prevent the spread of contamination during the decon effort</i></p>