

ACCELERATOR DIVISION DEPARTMENT PROCEDURE

ADDP-SH-1300

INSTRUCTIONS FOR THE USE AND DISPOSITION OF PERSONNEL PROTECTIVE CLOTHING WORN
IN RADIOLOGICAL AREAS, and PERSONNEL FRISKER PROCEDURE FOR PERSONNEL
MONITORING WHEN NOT WEARING PROTECTIVE CLOTHING

RESPONSIBLE DEPARTMENT AD ES&H

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Attachment 1: Frisker Procedure for Personnel Monitoring When Wearing Protective Clothing

Attachment 2: Frisker Procedure for Personnel Monitoring When Not Wearing Protective Clothing

1.0 APPLICABILITY

- 1.1 This procedure applies to the control and disposition of used personnel protective equipment (PPE) protective clothing, that is worn for the purpose of preventing contamination on the skin or personal clothing in radiological areas. For the purposes of this procedure, protective clothing consists of coveralls, lab coats, shoe covers, hoods, and gloves. Typically, such protective clothing is of Tyvek material and surgical-type disposable gloves, however any protective clothing worn for the purposes of preventing contamination from coming into contact with the skin or personal clothing is covered by this procedure.
- 1.2 The Frisker Procedure for Personnel Monitoring When Not Wearing Protective Clothing is included in this document as Attachment 2. This procedure is typically posted at enclosure exits as a reference guide for personnel frisking themselves upon exiting beam enclosures during Supervised Access when protective clothing is not required.

2.0 PURPOSE OF THIS PROCEDURE

- 2.1 The purpose of this procedure is to provide instructions to Radiological Worker trained personnel for disposing of used protective clothing,
- 2.2 Ensure that contaminated protective clothing is handled and disposed of properly,
- 2.3 Ensure that protective clothing that is found to be **not**-contaminated is disposed of properly and not improperly classified as radioactive material or radioactive waste,
- 2.4 Ensure that AD Radiation Safety is contacted so that an investigation of the source of contamination can be initiated.

3.0 TRAINING/QUALIFICATION

- 3.1 Personnel who have completed Radiological Worker training and enter AD radiological areas are qualified to dispose of protective clothing as per this procedure.
- 3.2 General Employee Radiation Training (GERT) alone is insufficient for persons to perform any portion of this procedure.

4.0 RESPONSIBILITIES

- 4.1 All qualified personnel (including lab employees, users, contractors, and visiting scientists) are responsible for:
- a) proper disposition of their used not-contaminated protective clothing,
 - b) contacting AD ES&H Radiation Safety prior to disposing of their used protective clothing that is found to be contaminated,
 - c) disposing of their contaminated protective clothing as radioactive waste as per ADSP-10-0201 Radioactive Waste Disposal procedure.

4.2 AD ES&H Radiation Safety is responsible for:

- a) attempting to determine the source of the contamination found on contaminated protective clothing if unknown.

5.0 INSTRUCTIONS

5.1 The FRISKER PROCEDURE FOR PERSONNEL MONITORING WHEN WEARING PROTECTIVE CLOTHING flow chart is included as Attachment 1, is to be used by personnel exiting radiological areas while wearing protective clothing.

5.2 The FRISKER PROCEDURE FOR PERSONNEL MONITORING WHEN **NOT** WEARING PROTECTIVE CLOTHING flow chart is included as Attachment 2, and is to be used by personnel exiting radiological areas when **not** wearing protective clothing.

5.2 Protective clothing that is found as not-contaminated should be disposed of in a designated waste receptacle for used, not-contaminated, protective clothing or in a regular trash receptacle.

5.3 Protective clothing that is found to be not-contaminated may also be re-used.

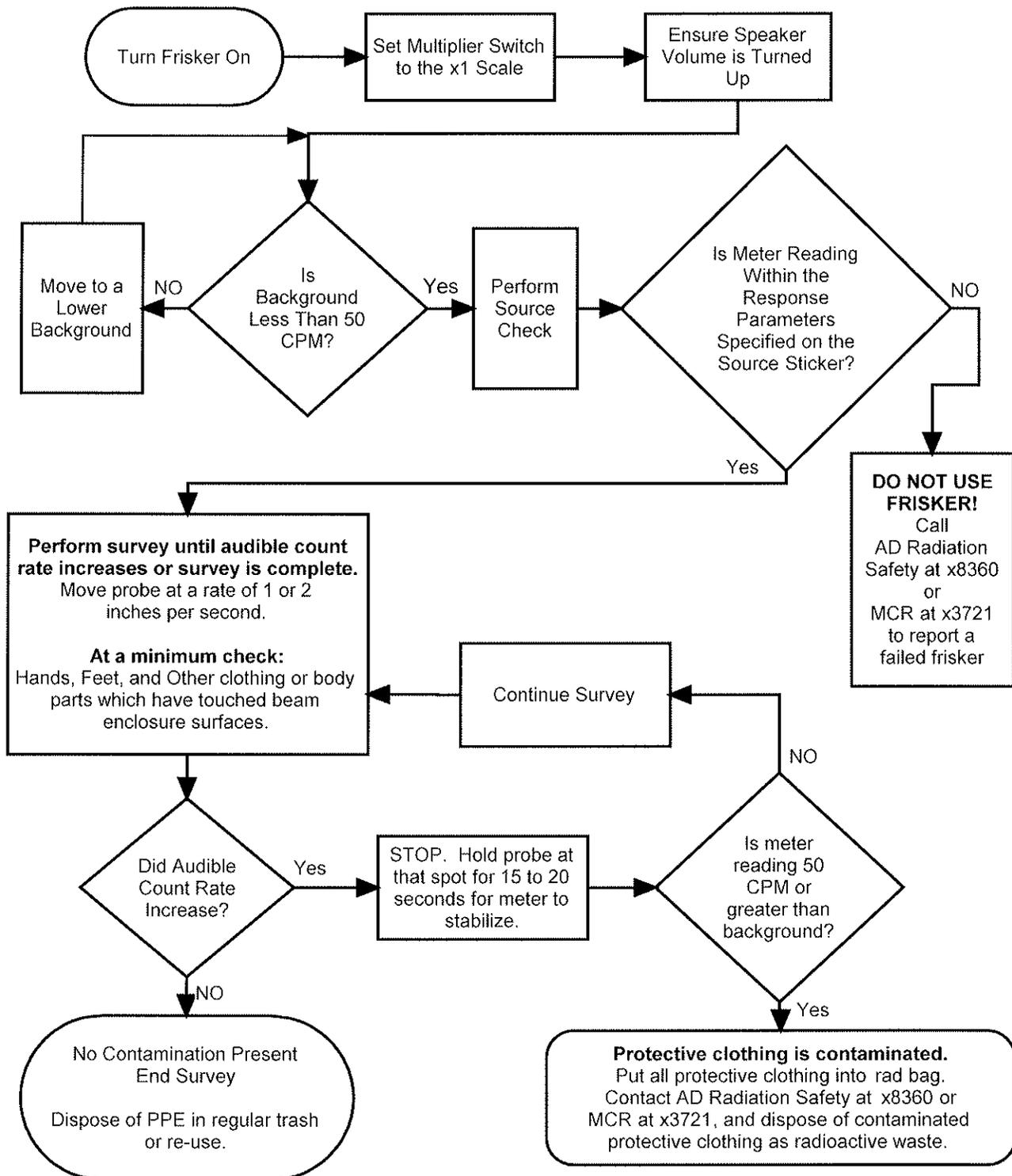
5.4 For Protective clothing that is found to be contaminated, remove protective clothing, put into yellow radioactive material bag and contact AD ES&H Radiation Safety via the MCR if after hours, or directly during normal working hours at x8360. Do not call x3131 for contaminated protective clothing unless contamination was found on their person or personal clothing. If contamination is found on their person or their clothing, they should call x3131.

5.5 Dispose of contaminated protective clothing as per ADSP-10-0201 Radioactive Waste Disposal procedure.

6.0 EXEMPTIONS

Exemptions to the requirements of this procedure may be authorized only by the AD RSO or designee.

Frisker Procedure for Personnel Monitoring when Wearing Protective Clothing



Frisker Procedure for Personnel Monitoring when NOT Wearing Protective Clothing

