

Aiken Technical College
Radiation Protection Technology Program
Radiation Work Permit

(For Training Purposes Only—No Actual Hazards Exist)



General RWP

Specific RWP

Purpose:

RP Personnel only—Conduct Surveys and Investigations

RWP# : 201X-243

Rev: 0

Task # 5

Conduct Contamination Surveys and Perform Event Investigations

Estimated Person-Hours

Effective Dose Rate

Estimated Person-Rem

1350

0.5 mr/hr

0.045

Expected Radiological Conditions

General Area Dose Rates: 0.01—110 mr/hr

Highest Contact Dose Rates: 25.5 mr/hr

Contamination Levels: ($\beta\gamma$) <1000 - 10,000 dpm/100cm² (α) <20 dpm/100cm²

Airborne Radioactivity: ($\beta\gamma$) none detected (α) none detected

Dosimetry Requirements

EAD Whole Body TLD Extremity TLDs:

Multiple TLD Pack:

Other:

EAD Alarm Set Points:

Dose Alarm: 5 mrem

Dose Rate Alarm: 80 mrem/hr

Stay Time Alarm: 80 minutes

RP Job Coverage

None Required Full Coverage Part Time Coverage:

Other: Only RPT Students are permitted to use this RWP

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Protective Clothing Requirements

- None Required**
- Partials consisting of: shoe covers and 2 pair of vinyl gloves**
- Full Set**
 Cloth:
 Plastic:
 Paper:
 with extra: gloves
- Double Set**
 Cloth:
 Plastic:
 Paper:
 with extra:
- Other: PCs based on posted or anticipated conditions**

Respiratory Protection Requirements

- None Required**
- Full Face Negative Pressure Respirator with:**
 Particulate
 Iodine
 Other:
- Other:**

Contamination Control Requirements

Remove all PC prior to exiting across a step-off pad
Perform a hand and foot frisk upon leaving the posted RCA
Frisk all material which has been in a CA prior to removal from the posted RCA

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Task # 5
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RP Hold Points

Evidence of elevated dose rates above the posting for the area
Opening any contaminated system is not permitted
Airborne or potential airborne radioactivity

Stop Work Criteria

Dose rates exceed posting for the area
Airborne or evidence of potential airborne radioactivity
Leak of radioactive fluids

Additional Requirements

Entry into posted LHRA s not permitted on this RWP.