

**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—Perform Semi-Annual Source-Term Profile

RWP# : 201X-243

Rev: 0

Task # 3

Obtain contact, 12" and general surveys at survey points IAW Student Guide instructions

Estimated Person-Hours

Effective Dose Rate

Estimated Person-Rem

40

5.0 mr/hr

0.200

Expected Radiological Conditions

General Area Dose Rates: 0.01—120 mr/hr

Highest Contact Dose Rates: 25.5 mr/hr

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

Airborne Radioactivity: ($\beta\gamma$) NA (α) NA

Dosimetry Requirements

EAD Whole Body TLD Extremity TLDs:

Multiple TLD Pack:

Other:

EAD Alarm Set Points:

Dose Alarm: 10 mrem 120 Dose Rate Alarm: mrem/hr

Stay Time Alarm: 75 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:

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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RP Hold Points

<p>Evidence of elevated dose rates above the posting for the area</p> <p>Opening any contaminated system is not permitted</p> <p>Airborne or potential airborne radioactivity</p>
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Stop Work Criteria

<p>Dose rates exceed posting for the area</p> <p>Airborne or evidence of potential airborne radioactivity</p> <p>Leak of radioactive fluids</p>
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Additional Requirements

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