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

<table>
<thead>
<tr>
<th>Estimated Person-Hours</th>
<th>Effective Dose Rate</th>
<th>Estimated Person-Rem</th>
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<tbody>
<tr>
<td>40</td>
<td>5.0 mr/hr</td>
<td>0.200</td>
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Expected Radiological Conditions

General Area Dose Rates: 0.01—120 mr/hr

Highest Contact Dose Rates: 25.5 mr/hr

Contamination Levels: $(\beta\gamma) < 1000 \text{ dpm/100cm}^2$  
$(\alpha) < 20 \text{ dpm/100cm}^2$

Airborne Radioactivity: $(\beta\gamma)$ NA  $(\alpha)$ 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
- 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