Aiken Technical College

Radiation Protection Technology Program

Radiation Work Permit

(For Training Purposes Only—No Actual Hazards Exist)

<table>
<thead>
<tr>
<th>General RWP</th>
<th>Specific RWP</th>
</tr>
</thead>
</table>

Purpose: RP Personnel only

RWP# : 201X-243

Rev: 1

RP Surveying Activities

Task # 9-A

RP Entry into Contaminated Areas

<table>
<thead>
<tr>
<th>Estimated Person-Hours</th>
<th>Effective Dose Rate</th>
<th>Estimated Person-Rem</th>
</tr>
</thead>
<tbody>
<tr>
<td>20</td>
<td>5.0 mrem/hr</td>
<td>0.100</td>
</tr>
</tbody>
</table>

Expected Radiological Conditions

General Area Dose Rates: less than 100 mrem/hr

Highest Contact Dose Rates: 150 mR/hr (last known)

Contamination Levels: \( (\beta \gamma) < 1000 \cdot 10,000 \text{ dpm/100cm}^2 \) \n
\( (\alpha) < 20 \text{ dpm/100cm}^2 \)

Airborne Radioactivity: \( (\beta \gamma) \) none detected \n
\( (\alpha) \) none detected

Dosimetry Requirements

- EAD
- Whole Body TLD
- Extremity TLDs:

- Multiple TLD Pack:
- Other:

EAD Alarm Set Points:

Dose Alarm: 10 mrem

Dose Rate Alarm: 100 mrem/hr

Stay Time Alarm: 60 minutes

RP Job Coverage

- None Required
- Full Coverage
- Part Time Coverage:

- Other: Only RPT Students are permitted to use this RWP
Aiken Technical College
Radiation Protection Technology Program
Radiation Work Permit
(For Training Purposes Only—No Actual Hazards Exist)

Purpose: RP Personnel only
RP Surveying Activities

RWP# : 201X-243
Rev: 1

Task # 9-A
RP Entry into Contaminated Areas

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: Wear the PCs based on posted or anticipated conditions

Respiratory Protection Requirements

☑ None Required
☐ Full Face Negative Pressure Respirator with: ☐ Particulate ☐ Iodine ☐ Other:
☑ Other: Respiratory protection maybe required depending on the in-plant indications requiring investigation.

Contamination Control Requirements

Remove all PCs prior to exiting across a step-off pad
Perform a hand, face, and foot frisk upon leaving the Contaminated Area.
Frisk all material which has been in a CA prior to removal from the posted RCA
Single bag or otherwise contain all items removed across a SOP
## Purpose: RP Personnel only

### RP Surveying Activities

<table>
<thead>
<tr>
<th>Task # 9-A</th>
</tr>
</thead>
<tbody>
<tr>
<td>RP Entry into Contaminated Areas</td>
</tr>
</tbody>
</table>

### Additional Requirements

- LHRA entries are NOT permitted on this RWP.