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—Conduct COP Surveillances

Task # 4
Complete COP Surveillances for Posting

<table>
<thead>
<tr>
<th>Estimated Person-Hours</th>
<th>Effective Dose Rate</th>
<th>Estimated Person-Rem</th>
</tr>
</thead>
<tbody>
<tr>
<td>1350</td>
<td>0.5 mrem/hr</td>
<td>0.045</td>
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</table>

Expected Radiological Conditions

General Area Dose Rates: 0.01—110 mrem/hr

Highest Contact Dose Rates: 255 mrem/hr

Contamination Levels: $(\beta\gamma) < 1000 \cdot 9000 \text{ dpm/100cm}^2$  $(\alpha) < 20 \text{ dpm/100cm}^2$

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

Dosimetry Requirements

- EAD
- Whole Body TLD
- None Required

Extremity TLDs:
- Multiple TLD Pack:
- Other:

EAD Alarm Set Points:

Dose Alarm: 5 mrem  110  Dose Rate Alarm: mrem/hr

Stay Time Alarm: 60 minutes

RP Job Coverage

- None Required
- Full Coverage
- Part Time Coverage:
- Only RPT Students are permitted to use this RWP
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<table>
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<tr>
<th>Purpose:</th>
<th>RWP#: 201X-243</th>
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<td>RP Personnel only—Conduct COP Surveillances</td>
<td>Rev: 0</td>
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Task # 4

Complete COP Surveillances for Posting

**Protective Clothing Requirements**

- None Required
- Partial consists 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