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: Perform training tasks associated with RPT-243 as instructed in the Student Guide or as directed by the Instructor.

RWP# : 201X-243
Rev: 3   (last year)

Task # 2
Conduct PE activities in the general area of room 509 and the RCA.

<table>
<thead>
<tr>
<th>Estimated Person-Hours</th>
<th>Effective Dose Rate</th>
<th>Estimated Person-Rem</th>
</tr>
</thead>
<tbody>
<tr>
<td>1400</td>
<td>1.2 mrem/hr</td>
<td>1.680 rem</td>
</tr>
</tbody>
</table>

Expected Radiological Conditions

General Area Dose Rates:   0.01— 4.1 mrem/hr
Highest Contact Dose Rates: 30.2 mrem/hr
Contamination Levels: (βγ) <1000 dpm/100cm²  (α) ) <20 dpm/100cm²
Airborne Radioactivity: (βγ) ND  (α) ND

Dosimetry Requirements

- EAD
- Whole Body TLD
- Extremity TLDs:
- Multiple TLD Pack:
- Other:

EAD Alarm Set Points:
Dose Alarm: 5 mrem  Dose Rate Alarm: 10 mrem/hr
Stay Time Alarm: 90 minutes

RP Job Coverage

- None Required
- Full Coverage
- Part Time Coverage:
- Other:

Page 1
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**Task # 2**
Conduct PE activities in the general area of room 509 and the RCA.

### Protective Clothing Requirements

- None Required
- Partials consisting of:
  - 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

Entry into contaminated area is not permitted on this RWP
Secure all hoses and cords crossing the contaminated area boundary.
Maintain the step-off pad clean.
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#### RP Hold Points
- Any radiological alarm — CAM, ARM, EAD, etc.
- Dose Rates in excess of 80 mrem/hr general area.
- Opening any contaminated system (not permitted on this RWP)
- Removal of anything from the contaminated area (not permitted on this RWP)
- Entry into a posted High Radiation Area (not permitted on this RWP)
- Performing airborne causing activity (not permitted on this RWP)
- Other: NA

#### Stop Work Criteria
- Accumulated Dose higher than the set point
- Radiation, Contamination or Airborne levels higher than expected
- Posting for area is different than expected
- Other: The Instructor calls a “PAUSE” in the scenario

#### Additional Requirements
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