

Aiken Technical College
Radiation Protection Technology Program
Radiation Work Permit

(For Training Purposes Only—No Actual Hazards Exist)



General RWP
 Specific RWP

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.

Estimated Person-Hours	Effective Dose Rate	Estimated Person-Rem
1400	1.2 mrem/hr	1.680 rem

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:

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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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