

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—Conduct COP Surveillances

RWP# : 201X-243

Rev: 0

Task # 4

Complete COP Surveillances for Posting

Estimated Person-Hours

Effective Dose Rate

Estimated Person-Rem

1350

0.5 mr/hr

0.045

Expected Radiological Conditions

General Area Dose Rates: 0.01—110 mr/hr

Highest Contact Dose Rates: 255 mr/hr

Contamination Levels: ($\beta\gamma$) <1000 - 9000 dpm/100cm² (α) <20 dpm/100cm²

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

Dosimetry Requirements

- EAD Whole Body TLD 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:

- 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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Task # 4 Complete COP Surveillances for Posting
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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

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