Aiken Technical College
Radiation Protection Technology Program

Radiation Work Permit
(For Training Purposes Only—No Actual Hazards Exist)

| Purpose: Perform radiation protection training tasks as directed in the Student Guide and as directed by the RPT Instructor. |
| RWP#: 201X-243 |
| Rev: 0 |

Task # 1
Enter into the posted RCA in Room 509 to perform Practical Exercise 1.

### Expected Radiological Conditions

| General Area Dose Rates: <0.01 mrem/hr—3.2 mrem/hr |
| Highest Contact Dose Rates: 25.5 mrem/hr |
| Contamination Levels: (βγ) <1000 dpm/LAS (α) - < 20 dpm/LAS |
| Airborne Radioactivity: (βγ) 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
- Dose Rate Alarm: 25 mrem/hr
- Stay Time Alarm: 45 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

- Bag everything removed from any contaminated area.
- Secure all hoses and cords crossing the contaminated area boundary.
- Maintain the step-off pad clean.
- Perform a hand and foot frisk upon exiting the RCA Hallway.
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RP Hold Points

- Any radiological alarm — CAM, ARM, EAD, etc.
- Prior to start of work
- Opening any contaminated system is not permitted on this task.
- Removal of anything from the contaminated area
- Entry into a posted High Radiation Area is not permitted on this task.
- Performing airborne causing activity is not permitted on this task.
- Other:

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: Time Alarm is received at the control point.

Additional Requirements

- Conduct the practical exercise as directed in the PE Student Guide and as instructed in the pre-job briefing.