



**Statement of Work (SOW)**

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Implementing Document: MP-PCMT-15.1

# **Maintenance, Repair, and Calibration of Radiation Monitoring Instrumentation**

## **Statement of Work Advanced Mixed Waste Treatment Project**

Idaho Treatment Group, LLC

Revision: 0

Date: 01/01/2013



# Statement of Work (SOW)

1.	<p><b><u>SCOPE</u></b></p> <p>This Statement of Work (SOW) has been developed to provide for Health Physics Instrumentation Lab (HPIL) support to AMWTP for the maintenance, repair, and calibration of all portable radiation monitoring instruments as well as some fixed instruments such as Tennelec counters used at the AMWTP site. These instruments are to be calibrated using the guidance of the ANSI-N323 series and with sources that are traceable to National Standards to assure that measurements of radiation are accurate in accordance with 10CFR835.401(b)(1).</p>
2.	<p><b><u>TECHNICAL REQUIREMENTS/TASKS</u></b></p> <ol style="list-style-type: none"><li>1. 10CFR835 "Occupational Radiation Protection"</li><li>2. 10CFR835.401(b)(1)</li><li>3. Applicable ANSI N323 Series Standards</li><li>4. INL Procedure LWP-15007, "Health Physics Instrumentation"</li><li>5. HPIL personnel training and qualification is in compliance with the requirements stated in 10CFR835 Subpart J-Radiation Safety Training.</li><li>6. AMWTP and HPIL organizations agree to share appropriate information in a timely manner</li><li>7. AMWTP and HPIL agree to establish points of contact and verify or update lists periodically</li><li>8. Services conducted by HPIL personnel at the AMWTP will be done in accordance with the AMWTP work control processes</li><li>9. Special arrangements will be made for testing and special requests that are mutually agreeable (may require a separate agreement)</li></ol>
3.	<p><b><u>REPORTS, DATA, AND OTHER DELIVERABLES</u></b></p> <p>AMWTP</p> <ol style="list-style-type: none"><li>1. Provide an agreed to location at AMWTP for the pickup and delivery of instruments by HPIL</li><li>2. Perform periodic assessments of the HPIL process and provide copies of completed assessments</li><li>3. Dispose of contaminated instruments that are identified by the HPIL</li><li>4. Comply with LWP-15007 "Health Physics Instrumentation", for the calibration of contaminated instruments</li><li>5. Determine instrumentation needs and quantities and procure as required</li><li>6. Provide in writing AMWTP specific calibration requirements and instrument settings</li></ol>



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## HPIL

1. Conduct the receipt, repair, maintenance, calibration, records development and retention, and inventory of portable instruments in accordance with LWP-15007, Health Physics Instrumentation
2. Notify AMWTP when changes, or revision are made to LWP-15007
3. Pickup and deliver instruments from the agreed to location at AMWTP
4. Issue Out-of Tolerance Notices in accordance with LWP-15007 within 1 week of discovery
5. BEA will promptly notify AMWTP of ORPS Reportable or NTS Reportable compliance issues related to the scope of work
6. Respond in a timely manner to special requests for additional calibrated instruments
7. Support the coordination of ordering new instrumentation
8. Support AMWTP audits/ assessments of calibration process
9. If HPIL is capable, provide a NIST traceability for AMWTP's sources at AMWTP's request
10. Provide a monthly recall notice of instrument calibration due dates
11. Provide calibration, maintenance and other records to the AMWTP upon request
12. Prior to HPIL returning a non-functional instrument, AMWTP must be notified (to ensure instrument is not used)
13. Provide instrument and software upgrades upon request