<table>
<thead>
<tr>
<th>Department/Group Name</th>
<th>MET/AEG</th>
<th>Activity &amp; Training Authorization</th>
<th>ATA # MET/AEG/JMD (John McDougal)</th>
<th>Date, Revision: 2/11/11, Rev 1.2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resident Buildings or Areas:</td>
<td>Building 001A, Sector 0 Laser Alignment Room Building 001B, Sector 10 Geodetic Laboratory Bld. 25, Mag. Meas. Area, Rm 110 and CMM Area Building 26, Mag. Meas. Lab, Alignment Lab Building 81, Magnetic Measurement Facility Building 282 &amp; 283 Office Space Building 645, 4028, 4084 (Storage Units)</td>
<td>Buildings or Areas with off-shift or annual releases (if applicable). (Copy of release attached to ATA)</td>
<td>ATA Duration (if &lt; 12 months) (not to exceed 12 months)</td>
<td></td>
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<tr>
<td>Activities</td>
<td>Basic Hazards</td>
<td>Basic Controls, including boundary conditions (engineering, procedural or PPE)</td>
<td>ESH Training, Qualifications, Skills, Certifications, etc.</td>
<td></td>
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<tr>
<td>Moving of equipment for an upcoming survey job. Equipment includes:</td>
<td>Back injury or strain Head injury Injuries to hands, fingers or feet</td>
<td>Use proper lifting techniques. Ask for help or assistance when moving heavy or awkward objects Wear appropriate PPE when necessary</td>
<td>Personal Protection Equipment (PPE) (Course 255)</td>
<td></td>
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</tbody>
</table>
| Occasional use of stairs and ladders | Falling down stairs or off ladder | Inspect and use ladders as trained | Stairway and Ladder Safety (Course 293)  
Fall Protection Training (Course 200) |
|-------------------------------|---------------------------------|----------------------------------|--------------------------------------|
| Entering possible radiological areas.  
Placing warning signs to designate the survey area.  
Setting up surveying instruments, placing reflectors and other targets around area sometimes requiring the use of ladders, connecting computers, placing illumination.  
Adjusting measured beamline components, using non-powered hand tools such as wrenches.  
Moving instruments for next set-up, rotating targets, changing illumination.  
Occasionally encountering the following:  
- Drilling new monuments using power tools such as hammer drills and also non-powered tools. | Exposure to radiation  
Falling off ladders or elevated surfaces  
Electrical shock or burns from power tools or other electrical energy  
Injuries from power tools including cuts, stab wounds and flying particles  
Difficult egress and/or lack of proper breathing atmosphere  
Dehydration  
Loss of hearing | Follow all radiological signage and required actions  
Inspect and use ladders as trained  
Follow formal procedure for working on elevated surfaces  
Follow formal procedure for working around energized equipment  
Wear gloves, safety glasses, dust mask and hearing protection when necessary  
Follow formal procedure for entering and working in confined spaces (permit required or not)  
Bring a supply of water  
Wear hearing protection and limit exposure time | General Employee Radiological Training (GERT) (Course 115) for RCA’s  
Radiological Worker Training I (RWT I) (Course 116) for High Radiation Areas  
Radiological Worker Training II (RWT II) (Course 250) for Contamination Areas  
Stairway and Ladder Safety (Course 293)  
Fall Protection Training (Course 200)  
Personal Protection Equipment (PPE) (Course 255)  
Control of Hazardous Energy (Course 157 & 157PRA)  
Permit-Required Confined Space Safety (Course 144) |
- Using epoxy for gluing targets
- Using spray paint for marking surfaces.
- Entering tight or confined spaces.
- Working around energized components
- Working in difficult environments (temperature, noise, etc.)
- Working in areas where magnets operate.

- Use Limited Visibility Vehicle
  - Hitting objects while driving
  - Walk around vehicle and inspect area before driving.
  - When reversing with a LVV use a spotter
  - Course 155 - Stand Down For Drivers of SLAC Vehicles
  - Course 159 Limited Visibility Vehicle Driver Training

ATA EXPIRES: Feb 10, 2012
I will maintain compliance with my STA training requirements, including staying current with recertification’s. I understand the type of activities, including boundary conditions, which I am authorized to perform, and the hazards and controls associated with such activities.

<table>
<thead>
<tr>
<th>Worker Name (please print)</th>
<th>Signature</th>
<th>Date</th>
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</thead>
<tbody>
<tr>
<td>John McDougal</td>
<td></td>
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I have reviewed the basic steps, hazards, controls & boundary conditions described in this ATA with all workers listed above. Workers listed above possess the skills, knowledge, training & qualifications to perform work as described in this ATA and are therefore authorized to carry out such work. Workers are also released to carry out such work in their resident work area, as defined in this ATA.

<table>
<thead>
<tr>
<th>Supervisor Name</th>
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<tbody>
<tr>
<td>Georg Gassner</td>
<td></td>
<td></td>
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</table>

Supervisor Name  Signature    Date