<table>
<thead>
<tr>
<th>Department/Group Name</th>
<th>Resident Buildings or Areas:</th>
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<tbody>
<tr>
<td>MET/AEG</td>
<td>Building 001A, Sector 0 Laser Alignment Room</td>
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<td></td>
<td>Building 001B, Sector 10 Geodetic Laboratory</td>
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<td></td>
<td>Bld. 25, Mag. Meas. Area, Rm 110 and CMM Area</td>
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<td></td>
<td>Building 26, Mag. Meas. Lab, Alignment Lab</td>
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<td></td>
<td>Building 81, Magnetic Measurement Facility</td>
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<td></td>
<td>Building 282 &amp; 283 Office Space</td>
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<td></td>
<td>Building 645, 4028, 4084 (Storage Units)</td>
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<td></td>
<td>Bld. 107 Machine shop</td>
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<tr>
<td>Activities</td>
<td>Basic Hazards</td>
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<tr>
<td></td>
<td>Basic Controls, including boundary conditions (engineering, procedural or PPE)</td>
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<td></td>
<td>ESH Training, Qualifications, Skills, Certifications, etc.</td>
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<tr>
<td>Operate equipment in machine shop (saws, drill press, mill, lathe, grinder, sanders) Moving of equipment for an upcoming survey job. Equipment includes:</td>
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<td></td>
<td>Cuts from sharp metal parts</td>
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<td></td>
<td>Hot flying chips</td>
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<td>Back injury or strain</td>
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<td>Head injury</td>
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<td></td>
<td>Injuries to hands, fingers or feet</td>
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<td>Use proper lifting techniques. Ask for help or assistance when moving heavy or awkward objects</td>
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<td></td>
<td>Wear appropriate PPE (safety glasses, lab coat/apron)</td>
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<td></td>
<td>Personal Protection Equipment (PPE) (Course 255)</td>
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<tr>
<td>Occasional use of stairs, ladders, cranes and forklifts</td>
<td>Falling down stairs or off ladder Drifting of loads injuring people or damaging equipment</td>
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<td>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</td>
<td>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</td>
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<tr>
<td>Hammer drills and also non-powered tools.</td>
<td>Using epoxy for gluing targets</td>
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<td>Work around equipment with energy sources (Power, Hydraulic, Pneumatic, Link Box). Work around high voltage power supplies and other electrical exceeding 50V.</td>
<td>Soldering iron/torch</td>
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<td>Talk to area managers before working in areas</td>
<td>Obtain fire permit for open flame</td>
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Some materials such as lead, Fiberfrax and radioactive materials require special controls. Unique operations or tasks involving rind, cut, weld, drill, machine or do other activities that may cause these materials to become airborne, require first contacting your supervisor, Safety Officer, or and ES&H industrial hygienist (IH) for review. Personnel monitoring and respirator controls may be required as determined by the Industrial Hygienist. Properly dispose of hazardous waste.

| 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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<tbody>
<tr>
<td>Brendan Dix</td>
<td></td>
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</table>
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.

Georg Gassner
Supervisor Name

Signature

Date