# Jobs Safety Analysis

**Start Date:**
7/15/2010

## JOB/ACTIVITY NAME:
Layout floor points for facet

<table>
<thead>
<tr>
<th>DEPARTMENT/GROUP NAME</th>
<th>BLDG/AREA LOCATION(s):</th>
<th>OTHER INFORMATION or REFERENCES:</th>
</tr>
</thead>
<tbody>
<tr>
<td>MET / AEG</td>
<td>001-S21-S19</td>
<td></td>
</tr>
</tbody>
</table>

## Scope of Work
Take “As-built” measurements sect 10 off axis injector vault

<table>
<thead>
<tr>
<th>Steps</th>
<th>Potential Hazards</th>
<th>Controls</th>
</tr>
</thead>
<tbody>
<tr>
<td>Check in with security guard / fire watch and exchange radios</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Transport survey equipment downstairs</td>
<td>Dropping equipment</td>
<td>Use well tied ropes to lower equipment Vacate area below equipment being lowered before lowering equipment</td>
</tr>
</tbody>
</table>

**Set Up Equipment and Targeting**

- Set up survey instruments (includes Class 2 or 3R laser instruments)
- Place targets on and around components
- Plug in instruments
- Use illumination if necessary

- Radiation
- Electrocution

- Follow posted radiation signs and read AHA
- Inspect hand or power tools and cords before use
- Inspect power cords for any defects and use GFCIs (never daisy chain cords)

**Perform Survey**

- Place area warning signs for laser BUT ONLY WHEN IN USE
- Make measurements
- Adjust components as necessary using hand-tools
- Remove any laser warning signs when not in use

- Injuries from using hand-tools improperly including cuts, eye injuries or electrical shock
- Prolonged eye exposure to laser

- Use gloves when adjusting component
- Inspect ladders before use and never climb to the top rungs
- No unattended operation of laser instruments
- Use warning signs when laser instruments are in use (laser scanner requires “DANGER” sign)
- Must verify that laser scanner range interlock of 0.3 meters is active at start of operation and monitor

---

The only official copy of this file is the one on-line at WPC website. Before using a printed copy, verify it is the current version. JSA-v4
**JOB/ACTIVITY NAME:** “As-built” measurements sect 10 off axis injector vault  
**START DATE:** 7/15/2010

<table>
<thead>
<tr>
<th>Proper scanning during measurement</th>
</tr>
</thead>
</table>

**I understand & will adhere to the steps, hazards & controls as described in this JSA. I understand that performing steps out of sequence may pose hazards that have not been evaluated, nor authorized. I will contact my supervisor prior to continuing work, if the scope of work changes or new hazards are introduced.**  
**I understand I have the authority and responsibility to stop work I believe to be unsafe.**

<table>
<thead>
<tr>
<th>Worker Name (please print)</th>
<th>Signature</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gaydosh Michael</td>
<td></td>
<td></td>
</tr>
<tr>
<td>John McDougal</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Imfeld Hans</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**I have reviewed the steps, hazards & controls described in this JSA with all workers listed above and authorize them to perform the work. Workers are qualified (i.e. licensed or certified, as appropriate, & in full compliance with SLAC training requirements) to perform this activity.**

| Gassner, Georg             |           |      |
| Supervisor                 | Signature | Date |

**I have communicated area hazards with the supervisor or listed worker(s) for this activity and have coordinated the described activity with affected occupants. The above listed workers are released to perform described scope of work in the following area(s):**

7:30 kick off meeting

**Area or Building Manager**  
**Signature**  
**Date**  

The only official copy of this file is the one on-line at WPC website. Before using a printed copy, verify it is the current version. JSA-v4  
Page 2 of 2