## Jobs Safety Analysis (JSA)

### JOB/ACTIVITY NAME:
As built measurements Sect 10 Injector vault

### DEPARTMENT/GROUP NAME
MET / AEG

### BLDG/AREA LOCATION(s):
Linac / Sect10

### OTHER INFORMATION:

### REQUIRED PERSONAL PROTECTIVE EQUIPMENT FOR ENTIRE JOB
- Safety glasses
- Safety shoes
- Chemical resistant gloves
- Reflective vest
- Flashlight going down
- Chemical goggles
- Hard hat
- Welding gloves
- Face shield
- Harness lanyard
- Gloves when roping down equipment, opening door
- Reflective vest
- Long pants / sleeves
- Welding goggles
- Hearing protection when drilling

## Basic Steps

### Access Injector Vault

- Open Latch and secure it open
- Use flashlight going down the “stairs”, stairs are to be treated as a ladder
- Don’t carry equipment down the ladder, lower it down with a rope
- Confined space but not permit required

### Potential Hazards

- No light – trip / fall
- General ladder safety hazards
- Confined space

### Controls

- Treat stairs as ladder
- Bring head light to climb ladder
- Set up temporary rail or rope off area several meters from open latch
- Confined space attendant required

## Set Up Equipment and Targeting

- Set up survey instruments
- Use illumination if necessary
- Glue Targets

### Potential Hazards

- Falling off ladders

### Controls

- Inspect ladder “stairs” before use
- Inspect hand or power tools and cords before use
- Inspect power cords for any defects and use GFCIs (never daisy chain cords)

## Perform Survey

- Make measurements

### Potential Hazards

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### Controls

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Date 05/05/2010-06/20/2010
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.

Worker Name (please print)       Signature       Date
Francis Gaudreault       ________________________________       ____________
John McDougal       ________________________________       ____________
Michael Rogers       ________________________________       ____________
Levirt Griffin       ________________________________       ____________

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 required & in full compliance with SLAC training requirements) to perform this activity.

Georg Gassner       ________________________________       ____________
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):

______________________________________________
______________________________________________

Area or Building Manager       Signature       Date