



Jobs Safety Analysis (JSA)

Date 1/4/2010-4/30/2010

JOB/ACTIVITY NAME: Aligning FACET Components Linac Sector 20		JSA #:
DEPARTMENT/GROUP NAME MET / AEG	BLDG/AREA LOCATION(s): LINAC Sector 20	OTHER INFORMATION:
REQUIRED PERSONAL PROTECTIVE EQUIPMENT FOR ENTIRE JOB <input type="checkbox"/> safety glasses <input type="checkbox"/> safety shoes <input type="checkbox"/> chemical resistant gloves <input type="checkbox"/> other reflective vest <input checked="" type="checkbox"/> other flashlight <input type="checkbox"/> chemical goggles <input type="checkbox"/> hard hat <input type="checkbox"/> welding gloves <input type="checkbox"/> face shield <input checked="" type="checkbox"/> harness lanyard <input checked="" type="checkbox"/> gloves when adjusting component <input type="checkbox"/> other long pants / sleeves <input type="checkbox"/> other _____ <input type="checkbox"/> welding goggles <input type="checkbox"/> hearing protection		

Basic Steps	Potential Hazards	Controls
<u>Set Up Equipment and Targeting</u> <ul style="list-style-type: none"> ▪ Enter LINAC via access manhole ▪ Set up survey instruments (includes Class 2 laser instruments) ▪ Place targets on and around components ▪ Use illumination if necessary 	<ul style="list-style-type: none"> ▪ Falling ▪ Radiation 	<ul style="list-style-type: none"> ▪ Wear approved and inspected safety harness ▪ Have person stationed on top watching for fire or other hazardous situations and communicating with personnel entering LINAC ▪ Follow posted radiation signs and read AHA
<u>Perform Survey</u> <ul style="list-style-type: none"> ▪ 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 	<ul style="list-style-type: none"> ▪ Injuries from using hand-tools improperly including cuts, eye injuries or electrical shock ▪ Prolonged eye exposure to laser 	<ul style="list-style-type: none"> ▪ 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 tracker requires "CAUTION" sign)

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

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

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