



Jobs Safety Analysis (JSA)

Date 4/29/2009

JOB/ACTIVITY NAME: Alignment of IMBCS4		JSA #:
DEPARTMENT/GROUP NAME MET / AEG	BLDG/AREA LOCATION(s): LCLS Dump Area	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 type="checkbox"/> harness lanyard <input checked="" type="checkbox"/> gloves when handling tools <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"> ▪ Set up survey instruments (includes Class 2 or 3R laser instruments) ▪ Place targets on and around components including magnets ▪ Plug in instruments ▪ Use illumination if necessary 	<ul style="list-style-type: none"> ▪ Radiation ▪ Falling off ladders ▪ Exposure to electrical energy ▪ Confined Space 	<ul style="list-style-type: none"> ▪ Inspect power cords for any defects and use GFCIs (never daisy chain cords) ▪ If N₂ is present in the area follow the directions attached to the confined space permit
<u>Perform Survey</u> <ul style="list-style-type: none"> ▪ Make measurements 	<ul style="list-style-type: none"> ▪ Eye injuries or electrical shock 	<ul style="list-style-type: none"> ▪ Do not stare continuously at a laser instrument (Class 2 lasers are safe due to natural blink reflex and Class 3R are safe with restricted beam viewing)

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.

<u>Worker Name (please print)</u>	<u>Signature</u>	<u>Date</u>
Francis Gaudreault _____	_____	4/29/2009 _____
Michael Rogers _____	_____	4/29/2009 _____
_____	_____	_____
_____	_____	_____

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 _____ 4/28/2009 _____

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): _____

Work has been released at the ROD meeting on 4/27/09

Area or Building Manager Signature Date