

Approval for High Risk Work Restart

846851

Section I – Work Description

Issue Date:	TBD	Building:	90	Work	Name:	Benedikt Zihlmann
Work Date:	TBD	Area:	108	Supervisor	Cell Phone:	757-926-9671
Shift(s) Work Will be Performed:		Expected to be completed:				
Work Control Document(s) (TOSP/OSP/LOSP, etc.) title, number, includes supporting THA (1)	Title: Operation of the DIRC 3B Laser System (ENP-23-146281-LOSP) Procedure: DIRC LOSP_122022_submit.pdf THA: DIRC LTHA_011723_submit.pdf Additional files: Laser specific Lesson Plan for DIRC Laser draft_mm_122022_submit.pdf Highest Pre-mitigated risk code: 3					
Highest Pre-mitigated risk code or electrical class/mode designation						

Section II – Required Resources

Subcontractor:	Yes	No																																				
Subcontractor Company Name:																																						
AHA (2)	Yes	No																																				
Approved Safety Plan	Yes	No																																				
JLab Staff Required: (3)	<table border="1"> <thead> <tr> <th>Print Name</th> <th>Signature</th> <th>Date</th> <th>Confirmed Training (Y/N)?</th> </tr> </thead> <tbody> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> </tbody> </table>		Print Name	Signature	Date	Confirmed Training (Y/N)?																																
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Special Materials and equipment required	Class 3b laser, fused silica bars																																					

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Section III – Working conditions and off-normal events

Describe how work team will manage any recognized deficiency in work planning or unanticipated event

In the case of an event or deficiency any workers in the laser lab should engage an emergency stop and leave the room immediately.

Note: Opening the door to exit will engage the interlock which will disable the laser output and latch in that condition. The latch will remain until it is cleared by authorized staff.

In case of eye or skin exposure to laser light, workers will secure the laser (e-stop) and report to Occupational Medicine for evaluation.

Describe how work team will manage unanticipated events or outcomes (suspend or stop work, notifications, backout procedure)

The Laser Safety Supervisor will be notified if any unanticipated event occurs. All laser work will be stopped until the event can be assessed by the LSS and the Jlab LSO. After assessing the events, the LSS will conduct a pre-job brief and a review of the events. Work may resume after approval from the LSS and LSO.

Describe how an emergency or injury will be managed

The LSS will be notified in the event of an emergency. All laser work will be stopped until the event can be assessed by the LSS and the Jlab LSO. The LSS will conduct a pre-job brief and a review of the events.

If an injury occurs, work will be stopped and medical services will be contacted immediately. After medical services has been contacted the LSS should be notified. The LSS will conduct a review of the events prior to the injury.

Work may resume after all incident reviews and a follow-up pre-job walk-thru is conducted.

Section IV – Work authorized outside of "normal work day"

Describe the work authorized under this review

- All work not covered in the scope of operations covered in the LOSP must be evaluated by the LSS prior to doing the work

Describe any work NOT authorized under this review – what are the limits of the approved re-start (if any)

- All work not covered in the scope of operations covered in the LOSP must be evaluated by the LSS prior to doing the work

Describe special conditions and pre-starts required; any actions necessary before restart

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- **Pre-start:**
- The LSS shall ensure the workers have reviewed and signed the LOSP and ensured the availability of any/all PPE
- Review the start-up procedure in accordance with the mode of operation (Alignment, Expert, or Automated Measurement) starting on page 14 of the LOSP

Describe how the Pre-job brief takes place

- The LSS shall ensure all workers are fully trained and approved to work on the DIRC laser system
- PPE shall be checked and donned before entry into the laser lab
- The operation of the laser requires a sweep of the laser room prior to operation

Section V – Authorizations

Originator:	Marc McMullen	<i>Marc McMullen</i>	Date	07/12/2023
Work Supervisor:	Benedikt Zihlmann	<i>B. Zihlmann</i>	Date	07/12/2023
Division Safety Officer	<i>Ed Folb</i>	<i>Ed Folb</i>	Date	7/17/23
Approving AD:	Print Name: <i>ROSSI PATRIZIA</i>	Signature: <i>Patrizia Rossi</i>	Date	7/18/2023
List any SMEs that participated in the review List names/orgs walkdown participants if walk-down occurred	Jennifer Williams (Laser Safety SME) Signature	<i>J Williams</i>	Date	7/13/2023

UPON COMPLETION FORWARD TO DIVISION SAFETY OFFICER

- (1) Attach THA
- (2) Attach AHA
- (3) Approved work team consists of one or more of the listed workers who are on-site for the work.

Section VI – Future considerations for operational improvements

Describe any follow-up improvement activities identified during the evaluation



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Initial Issue: June 15, 2023

Revision 1, Issue June 13, 2023