

Approved
ORNL WORK PLAN
 Operations, Maintenance and Services
 Work Plan Name / Rev: 1654751 BL14B / 0
 Expiration Date: 11/20/2025



WORK SCOPE/DESCRIPTION	
Requester (Name/Badge/Division):	Marrs, Robert / 03053994 / X186
Location of work (Bldg/Rm/Other):	8714B // BL14B
Work Plan Title:	BL14B Computer Rack Removal
Description of Service/Work Needed: Remove the computer rack from BL14B and relocate to the southside laydown area of 8700.	
Charge Number, if required:	
Work Plan Grade/Worktype:	3 / 0
Author (Name/Badge):	Marrs, Robert / 03053994
File Attachments:	
INSTRUCTIONS	
Prerequisites/Precautions: Perform pre-job briefing. Set up traffic control.	
Directions: Remove computer rack from BL14B. Relocate to the southside laydown area of 8700.	
Post Work Testing: Notify beamline staff of completed work.	
Closeout:	
JOB HAZARD EVALUATION	
HAZARDS	PERMITS / CONTROLS
Hoisting and Rigging	<ul style="list-style-type: none"> Engage Hoisting and Rigging services for movement of materials (Guideline) [Formerly Use Professional Rigger / Power Equipment Operator for ordinary lift] Hard hats Safety shoes Qualified personnel Traffic control
Ergonomic Conditions (Contact Stress, Vibration, Posture, Force, Repetitive Motion)	<ul style="list-style-type: none"> Evaluation of work station or Evaluation of work posture/positioning Exposure Assessment: Enter or attach justification to classify exposure scenario as low risk, qualitative exposure assessment (QEA), or requirement to conduct quantitative exposure monitoring (QEM) Worker rotation
Manual Material Handling	<ul style="list-style-type: none"> Establish Controls (Guideline) [apply 30-50-30 criteria for a non-repetitive lifting task] <ul style="list-style-type: none"> Reduce weight Decrease load Design work area Facilitate access to material Optimum environment Reduce distance /Provide proper storage facilities Load storage Eliminate manual lifting/lowering Eliminate pushing/pulling – Use lifting aids Other instructions to staff Diversity of activities Team Lifting (Guideline) Engage Hoisting and Rigging services for movement of materials (Guideline) Exposure Assessment: Enter or attach justification to classify exposure scenario as low risk, qualitative

exposure assessment (QEA), or requirement to conduct quantitative exposure monitoring (QEM)

DOCUMENTATION REVIEW AUTHORIZATION
(Approvals are certification of hazards assessment)

Reviewer/Approver Roles	Signature	Date
Accountable Management (Service Provider, Line, Equipment Owner, or Facility Management)	Vasquez, Silbino	11/19/2024
IS/IH	Hostetler, Aaron	11/20/2024
Task Leader	Marrs, Robert	11/19/2024
Work Package Concurrence		
Facility Manager		
Operations Supervisor		
Facility Manager Approval To Start Work		
Facility Manager		
Work Start Authorization		
Task Leader		
Work Acknowledged Complete		
Task Leader		
Worker Feedback:		

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60994

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PRE-JOB SAFETY REVIEW GUIDE

ID: 60994

Scope of Work: Review work package/plan to ensure all participants understand the work activity.

Hazards: Review the hazards identified in Job Hazard Evaluation (JHE) / work plan (IOP).

- ε Since the work package / plan was written: 1) Have conditions changed? 2) Are there new hazards? Refer to Field Notes and Focus Areas.

Hazard Controls / Permits: Review:

- ε Written permits for the work activity.
- ε Precautions, step warnings, Hold Points ...
- ε Personal Protective Equipment (PPE)

- ε Work instructions for information - e.g., steps where hazards are introduced.
- ε ORNL subject area requirements - e.g., non-permit hazard controls.

Performing Work:

- ε Discuss group/individual responsibilities for safe & effective work.
- ε Follow work instructions & safety procedures.
- ε Availability/location of materials, tools, etc.
- ε Any previous experiences / lessons learned?
- ε Response if work cannot be performed as planned.
- ε What is the worst thing that could happen?
- ε Are there Potential error traps with the job? → →
- ε Take a minute before: work start & leaving work area.
- ε Work Hand-off / Turnover - workers & Task Leader

→ **Potential Error Traps:**

- ε Time pressures
- ε Distractive environment
- ε High workload
- ε First time evolution
- ε First day back
- ε Vague guidance
- ε Over confidence
- ε Imprecise communications
- ε Work stress

Abnormal Situation Response:

- ↓ Stop Work: Observe an unsafe act, activity or condition that creates an imminent danger.
- ↓ Emergency Response: Discuss egress paths or other responses if problems are encountered.

Field Notes and Focus Areas: (Use this area as a work space to record notes related to new hazards identified in the field or changed conditions. Record feedback in work package/plan information systems.)

By signing below, I am indicating that I have been briefed on the potential hazards associated with completing this job.

Signature / Badge	Date	Signature / Badge	Date