

Draft  
**ORNL WORK PLAN**  
 Operations, Maintenance and Services  
 Work Plan Name / Rev: MWP049272 / 0



WORK SCOPE/DESCRIPTION	
Requester (Name/Badge/Division):	Arthur, John Kreglow / 00025666 /
Location of work (Bldg/Rm/Other):	7920 / 111 /
Work Plan Title:	Install Cave B liner, transfer chute, & glove box
Description of Service/Work Needed: This work package covers the hazards and controls to install the new Cave B liner, transfer chute, & glove box.	
Charge Number, if required:	K9103W15
Work Plan Grade/Worktype:	1 / H
Author (Name/Badge):	Arthur, John Kreglow / 00025666
File Attachments:	
INSTRUCTIONS	
Prerequisites/Precautions:	
Directions:	
Post Work Testing:	
Closeout:	
JOB HAZARD EVALUATION	
HAZARDS	PERMITS / CONTROLS
Confined Space: Entry into the cave liner.	<ul style="list-style-type: none"> <li>  <a href="#">Confined Space Entry Permit</a></li> </ul>
Hoisting and Rigging: Transfer of the liner , transfer chute & glove box into Lab 111 & cave cavity.	<ul style="list-style-type: none"> <li>  Hard hats</li> <li>  Safety shoes</li> <li>  Qualified personnel</li> </ul>
Lead: Packing lead wool into the utility sleeve.	<ul style="list-style-type: none"> <li>  <a href="#">Exposure Assessment</a>: Enter or attach justification to classify exposure scenario as low risk, qualitative exposure assessment (QEA), or requirement to conduct quantitative exposure monitoring (QEM)</li> </ul>
Electrical Equipment and Tools: All corded tools will be protected by a GFCI.	<ul style="list-style-type: none"> <li>  <a href="#">Listed</a> by a nationally recognized testing laboratory (<a href="#">NRTL</a>)</li> </ul>
Elevated Work	<ul style="list-style-type: none"> <li>  <a href="#">Inspecting Ladders</a> Guide [Step &amp; Fixed]</li> <li>  <a href="#">Obtain Training</a> - Fixed &gt;10 feet; portable &gt;3 feet</li> <li>  <a href="#">Scaffolding</a> - Scaffold Competent Person Evaluates Work Scope</li> <li>  Inspect Scaffold (<a href="#">Scaffold Tagging and Inspection</a> exhibit)</li> <li>  Work platform</li> </ul>
Manual Material Handling: Reinstalling the stacked concrete block wall.	<ul style="list-style-type: none"> <li>  Team Lifting (<a href="#">Guideline</a>)</li> <li>  Engage Hoisting and Rigging services for movement of materials (<a href="#">Guideline</a>)</li> <li>  <a href="#">Exposure Assessment</a>: Enter or attach justification to classify exposure scenario as low risk, qualitative exposure assessment (QEA), or requirement to conduct quantitative exposure monitoring (QEM)</li> </ul>
Safety glasses with side shields are required.	<ul style="list-style-type: none"> <li>  Use Caution!: Safety glasses with side shields are required.</li> </ul>
DOCUMENTATION REVIEW AUTHORIZATION (Approvals are certification of hazards assessment)	

Reviewer/Approver Roles	Signature	Date
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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49272

## PRE-JOB SAFETY REVIEW GUIDE

ID: 49272

**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).

- € 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:

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

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

**Performing Work:**

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

→ **Potential Error Traps:**

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