

Note:

Entry into Accelerator housing:

- a) All entry by Controlled Access
- b) Valid Job Hazard and Mitigation Analysis (JHAM) required
- c) Tunnel Hazards Training required
- d) Review of SPEAR Tunnel Area Hazard Analysis (AHA)
- e) Review of SPEAR Lock Down and Verification
- f) Review of planned work to identify if Lock and Tag required

Work Authorization:

- a) Prior authorization and completed Job JHAM and AHA processes are required to work on accelerator systems.
- b) For Non-SSRL Workers at SSRL - implement Interim Work Authorization Process

Planning for Safety on the Job:

- a) Apply Integrated Safety and Environmental Management System

Other:

- a) Gray entry doors to SPEAR housing to be kept closed - to preserve temperature stability of Accelerator

## Accelerator Maintenance Day Tasks

4/2/2007

			Proj. Mngr	Shop	Task Person	Forms	(hr)
Access	Conditions:	<input type="checkbox"/> 1. SPEAR - Power Supply Checks - 2 hrs after power restored					
		<input type="checkbox"/> 2. OUTAGES:					
		<input type="checkbox"/> 3. RSWCF Open:					
Beamlines	4, 13, 14	<input type="checkbox"/> 4. Survey the concrete floor under the front ends of Beam Lines 4 (new), 13 and 14 for	Peck	MEA		WAF	
			Proj. Mngr	Shop	Task Person	Forms	(hr)



# Accelerator Maintenance Day Tasks

4/2/2007

			Proj. Mngr	Shop	Task Person	Forms	(hr)
		9:30 - 3 people					
		10:30pm - 11 people					
SPEAR	Mechanical	<input type="checkbox"/> 15. Mechanical inspections	Ernst	MSG	1-MSG tech		1
		<input type="checkbox"/> 16. Isolate LCW and compressed air going to building 122, Plumb air & LCW in 122 to new configuration. Energize lines when finished.			2-MSG tech		3
		<input type="checkbox"/> 17. Review BL-4 ID downtime move, in ring without removing roof blocks.			Ernst, DiMattia.	None	2
SPEAR	PPS Recert	<input type="checkbox"/> 18. SPEAR BAS will expire on Monday, April 2nd, and requires:	Hoover	OPS			
		1. SPEAR Radiation Safety Inspection. -- Ops 2. SPEAR PPS Interlock Inspection. -- Ops					
SPEAR	RF	<input type="checkbox"/> 19. CEF Tracking#:089747, lock out spear 12.47kV switchgear for the high voltage power supply in the morning and restore the system in the afternoon - Status:Dispatched	Kang	CEF		WAF	
		<input type="checkbox"/> 20. HVPS maintenance We still see an asymmetry in the hvps output waveform. During the last accelerator physics shift, PCD verified that the problem was not in the controller and therefore must be in the hvps tank. PCD has localized the problem and will replace the suspect parts during the access.	Sebek	PCD		WAF	6
			Proj. Mngr	Shop	Task Person	Forms	(hr)

# Accelerator Maintenance Day Tasks

4/2/2007

			Proj. Mngr	Shop	Task Person	Forms	(hr)
		<p>PCD will begin its maintenance after CEF electricians lock out the supply at 06:00. The work should be completed within 6-8 hours. CEF electricians will restore the supply at the end of the maintenance. PCD will stage the equipment required to temporarily store the oil removed from the hvps during maintenance at the end of this week.</p>					
SPEAR	Vacuum	<input type="checkbox"/> 21. Ion Pump PS Fan Inspection 118 10A <input type="checkbox"/> 22. 18S-IG-RF4 Controller replacement----- Pak 1 hr <input type="checkbox"/> 23. Out of Alcove: 5-1,2 M-0 removal inspection----- Neal/Spector 1 hr <input type="checkbox"/> 24. In Alcove: Injector Booster Walkthru-----Nalls .5 hrs SPEAR Walkthru-----Pak .5 hrs Beamline Walkthru----- Bach/Spector .5 hrs	Neal	Vacuum	Pak	SOP	1
						None	
					Nall, Pak, Bach, Spector		

Proj. Mngr Shop Task Person Forms (hr)