

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

12/10/2007

			Proj. Mngr	Shop	Task Person	Forms	(hr)
Access	Conditions:	<input type="checkbox"/>	1. SPEAR access: 6:30 to14:00				
		<input type="checkbox"/>	2. SPEAR - Power Supply Checks - 2 hrs after power restored				
		<input type="checkbox"/>	3. OUTAGES:				
		<input type="checkbox"/>	4. RSWCF Open: BTS - upstream stopper shielding				

Proj. Mngr Shop Task Person Forms (hr)

# Accelerator Maintenance Day Tasks

12/10/2007

				Proj. Mngr	Shop	Task Person	Forms	(hr)
Accelerator	Vacuum	<input type="checkbox"/>	5. In Alcove: Injector Booster Walkthru SPEAR Walkthru Beamline Walkthru	Neal	Vacuum	Jacobson Pak Bach/Spector		.5
		<input type="checkbox"/>	6. Out of Alcove: Install modified IP Power Supplies in Bld 118 IP12-A analog output cable installation Leak check 9-2 MR1			Pak, Bach Pak, Ortiz Bach, Spector		3 1 2
Beamlines	BL 12-2	<input type="checkbox"/>	7. In- alcove - check the alignment of the BL12-2 M0 mirror	Harrington		MET crew, Card, Harrington		
Beamlines	BL 6-2	<input type="checkbox"/>	8. BL 6-2 m0 mirror LCW line inspection. (	Johnson		Valery Borzenets, Bart Johnson		
Beamlines	BL13-M1	<input type="checkbox"/>	9. Box limit cheeks on the M1 mirror for BL 13 in Alcove			A. Prado		
Beamlines	Vacuum	<input type="checkbox"/>	10. BL13 M-1. Flash TSPs BL13 M-1 Hipot Ion Pump 12S-IG1 troubleshoot BL4 bellows installation	Neal	Vacuum	Grunow, Fitz Neal, Spector Pak, Ortiz Neal, Vargas, Tracey		1 .5 2 4
Injector	BTS	<input type="checkbox"/>	11. BTS shielding modification	Ernst	MSG	2 - Techs	RSWCF	4
Injector	I & C	<input type="checkbox"/>	12. Booster :Install prototype chassis 2 CH. Gain/Phase monitor	Wachter	ESG	Wachter		4
Injector	Mechanical	<input type="checkbox"/>	13. Injector magnet water flow system flow measurements	Ernst	MSG	1 - Tech		1
				Proj. Mngr	Shop	Task Person	Forms	(hr)

# Accelerator Maintenance Day Tasks

12/10/2007

			Proj. Mngr	Shop	Task Person	Forms	(hr)
Injector	Vacuum	<input type="checkbox"/> 14. Vent BTS	Neal	Vacuum	Nalls, Jacobson,	RSWCF	0.5
		BTS: Replace 55-CG1. Test on GP 307					0.5
		Bergoz ICT installation					0.5
		Ion pump installation					2
		Vat valve installation					1
		Pump down BTS					3
SPEAR	BL13 ID	<input type="checkbox"/> 15. Access required Troubleshoot BL13 ID upper gap encoder.			Dao, Rarback, Wallters, Holmes		4
		<input type="checkbox"/> 16. No access required Rearranging hardware and dressing cables for control racks B131-1100 and B131-1305-			Dao, Wallters		4
SPEAR	Controls	<input type="checkbox"/> 17. Replace the B132 LAN/GPIB gateway with spare.	Allison				
		<input type="checkbox"/> 18. Reboot Connie linux machine for OS security patch.					
		<input type="checkbox"/> 19. Upgrade firmware on all GPIB/LAN gateway boxes					
SPEAR	I & C	<input type="checkbox"/> 20. Install load resistor at Tune Kicker	Martin	ESG	Martin, et al		
		<input type="checkbox"/> 21. Connect the SPEAR kicker diagnostic signals into the PSM system	Prado	Netwrk Grp			
		Pull 6 RG223 cables between racks B118-18 and B118-29					
SPEAR	Mechanical	<input type="checkbox"/> 22. Mechanical Inspections, include special attention to LCW manifolds	Ernst	MSG	1 Tech		2
			Proj. Mngr	Shop	Task Person	Forms	(hr)

# Accelerator Maintenance Day Tasks

12/10/2007

			Proj. Mngr	Shop	Task Person	Forms	(hr)
SPEAR	Mechanical	<input type="checkbox"/> 23. Tube SLM LCW circuit WFS-1	Ernst	MSG	2- Techs		2
		<input type="checkbox"/> 24. Review, install electronic Indicators, upstream end of the BL9 (7S) straight			1- Tech		6
SPEAR	Pwr Sply	<input type="checkbox"/> 25. Document in pictures inside MS1-BD-PS (dipole power supply)	Sekon	ESG			1

Proj. Mngr Shop Task Person Forms (hr)