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**

Accelerator Maintenance Day Tasks

1/10/2008

				Proj. Mngr	Shop	Task Person	Forms	(hr)
1/10/2008								
Injector	Mechanical	1.	Linac TCW system inspection, PM	Ernst	MSG	2 MSG Techs		4
Injector	Mechanical	2.	SLAC Riggers to remove 140 forklift for repairs	Ernst	MSG	2 MSG Techs, 2 SLAC riggers		2
		3.	SLAC Riggers to remove man-lift from 140					2
1/14/2008								
Access	Conditions:	4.	SPEAR access: 6:30 to14:00					

				Proj. Mngr	Shop	Task Person	Forms	(hr)

				Proj. Mngr	Shop	Task Person	Forms	(hr)
Access	Conditions:	5.	SPEAR - Power Supply Checks - 2 hrs after power restored					
Access	Conditions:	6.	OUTAGES:					
Access	Conditions:	7.	RSWCF Open: Linac roof access BL13 Fixed/Moveable Mask Adjustment					
Beamline	BL12-2	8.	Proposal: BL12-2 M0 Mirror Alignment Description: Perform horizontal alignment of BL12-2 M0 mirror	Harrington		L. Griffin, M. Rogers, B. Rutledge, D. Harrington, G. Card		3
Beamline	BL13	9.	Synchrotron radiation leakage through - fixed/moveable mask Maintenance period: Alignment checks and possible MM adjustment Close EPU for radiation tests AP: Test with beam Return EPU to full open gap	Rowen	Alignment/Vacuum	H. Imfeld, J. McDougal, Neal, Peck, Rowen		
Beamline	Vacuum	10.	4-0 IG3 checkout. Controller reading '0'	Neal	Vacuum	Spector/Bach		.5
Beamline	Vacuum	11.	Leak check 9-2 MR1 (tentative)	Neal	Vacuum	Bach, Spector		2
Beamline	Vacuum	12.	BLs 4,13, 14 IV serial number verifications	Neal	Vacuum	Spetor		1
Beamline	Vacuum	13.	BL2,4,6,7,8,9,10,11 BPM (helium purged) Be window locations Verify helium flow devices and redline BL	Neal	Vacuum			

Proj. Mngr Shop Task Person Forms (hr)

				Proj. Mngr	Shop	Task Person	Forms	(hr)
			functional drawings-Spector,Bach 1 hrs.					
Beamline	BL6-2	14.	BL6-2 m0 mirror LCW temperature control system install:			V. Borzenets, B. Johnson, C. Troxel.		
INJ/SPEAR	Vacuum	15.	In Alcove: Injector Booster Walkthru---Nalls .5 hr SPEAR Walkthru----------Pak .5 hr Beamline Walkthru----------Bach,Spector .5 hr	Neal	Vacuum			
Injector	Mechanical	16.	Booster ring mechanical inspections	Ernst	MSG	1 MSG Tech		1
Injector	Mechanical	17.	Access Linac roof for measurement of K1 waveguide	Ibarra			RSWCF	1
Injector	Vacuum	18.	Install cover on Bergoz toroid in the BTS. It was removed last maintenance day when the toroid was moved upstream a few meters and left it off to see the effect on the toroid signal.	Gierman	Vacuum	Nalls		.5
SPEAR	I&C	19.	1. Set up Tune Driver Amplifier for AP.	Martin		Sebek, Martin		
SPEAR	I&C	20.	2. Install/Remove Bergoz BPM spares from 132-102.	Martin		Martin		
SPEAR	I&C	21.	3. Relocate AC plug strip (fan control) into 132-102 rack.	Martin		Martin		
SPEAR	Power Supply	22.	Investigate lower limit on dipole power supply fan sensor.	Sekon	ESG	2		2
SPEAR	Power Supply	23.	Fix SPEAR 3 kicker 3 arcing.			2		4

Proj. Mngr Shop Task Person Forms (hr)

				Proj. Mngr	Shop	Task Person	Forms	(hr)
SPEAR	Power Supply	24.	Relax input voltage requirement on the following power supplies: 05G-QF2 SN 10989 BTS Q9 SN 11044 16G-QD2 SN 10999 17G-QD1 SN 10979			2		2
SPEAR	BCS/PPS	25.	Open the SPEAR BCS/PPS interface chassis to see what modifications are necessary for top off testing coming up in about 1-2 months.	Horton				
SPEAR	Mechanical	26.	Mechanical Inspections	Ernst	MSG	1 MSG Tech		1
SPEAR	Mechanical	27.	Tube QFC vacuum chamber 16G WFS4 LCW circuit	Ernst	MSG	2 MSG Tech		6
SPEAR	Mechanical	28.	Perform RF HCW PM	Ernst	MSG	2 MSG Tech		4
SPEAR	Mechanical	29.	Read flows on QFC vacuum chamber 16G WFS4 LCW circuits	Ernst	MSG	2 MSG Tech		2
SPEAR	Insertion Device	30.	Install, calibrate and test BL13 Upper Gap Encoder	Dao	ESG	Dao, Rarback, Holmes, Wallters		6
SPEAR	Vacuum	31.	Out of Alcove: Re-configure injector ion gauge controllers in rack----Nalls 2 hrs. Inj. Emergency dewar relocation into BTS pump shack----Nalls 2 hrs.	Neal	Vacuum			
SPEAR	Vacuum	32.	BL13-0 IV1 TC (2ea) installation	Neal	Vacuum	Pak, Ortiz		1
SPEAR	Vacuum	33.	12S-IG1 troubleshoot	Neal	Vacuum	Pak, Ortiz		2

Proj. Mngr Shop Task Person Forms (hr)

Accelerator Maintenance Day Tasks

1/14/2008

				Proj. Mngr	Shop	Task Person	Forms	(hr)
SPEAR	Vacuum	34.	18G-IP-BL13 cable problem troubleshoot			Pak, Neal		1
SPEAR	Vacuum	35.	Take all SPEAR gauges (not 12S-IG1)off bypass	Neal	Vacuum	Pak		0.5
SPEAR	Facilities	36.	#106370 - Replace burn out T-40 lights inside the spear ring. There were 4 of them during the last visit.	Choi		Bayugo, Castillo		

| | | Proj. Mngr | Shop | Task Person | Forms | (hr) |