

Note:

Entry into Accelerator housing :

- a) All entry by Controlled Access
- b) Tunnel Hazards Training required
- c) Familiarity with SPEAR Tunnel Area Hazard Analysis (AHA) required
- d) SPEAR Lock Down Verification available for review

Work Authorization :

- a) Prior authorization to work on accelerator via area manager & line manager
- b) For Non-SSRL Workers - implement Interim Work Authorization Process

Integrated Safety Manament System :

<p>Five functions</p> <ul style="list-style-type: none"> Define the Scope of Work Analyze the hazards Develop and Implement Controls Perform the Work Feedback and Improve 	<p>Seven Guiding Principles</p> <ul style="list-style-type: none"> Line Management Responsible for Safety Clear roles and responsibilities Competences Commensurate with Responsibilities Balanced Priorities Identification of Safety Standards and Requirements Hazard Controls Tailored to the Work Being Performed Operations Authorization
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People responsible for ensuring implementation of ISMS

- a) Workers
- b) PIC - person in charge
- c) RLM - responsible line manager

Accelerator Maintenance Day Tasks

4/7/2008

			PIC	Shop	Task Person	Forms	(hr)
Access	Conditions:	1.	SPEAR access: 6:30 to14:00				
Access	Conditions:	2.	SPEAR - Power Supply Checks - 2 hrs after power restored				
			- Clearing Magnet Cables install				
			may overlap into the checkouts				
			- Test Timing System - injection				
			into SPEAR ~ 30 min				

			PIC	Shop	Task Person	Forms	(hr)
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Accelerator Maintenance Day Tasks

4/7/2008

				PIC	Shop	Task Person	Forms	(hr)
Access	Conditions:	3.	OUTAGES:					
Access	Conditions:	4.	RSWCF Open:					
Beamlines	BL13	5.	Re-align the BPM on the M0 mirror tank. It needs to be moved up 2mm. It is on a 6 strut system and only needs to move vertically.	Rowen	BLD	LeCocq		
Beamlines	PPS	6.	Prepare BL4 PPS for activation - this may involve BL14 PPS wiring and/or system testing.	Horton	ESRD			
INJ	Timing System	7.	Reconfigure Booster Timing system	Schmerge		Sebek and Schmerge, Allison		1
INJ	Beam monitoring	8.	Install and commission 8 channel gain/phase detector chassis	Wachter	ESG	Gierman, Wachter		4
SPEAR	Computer	9.	Replace SSRL Network firewall box: 9-10am	Prado	CNG			
SPEAR	Mechanical	10.	Mechanical inspections	Ernst	MSG	1-tech		1
SPEAR	Mechanical	11.	Start tubing 145D vacuum chamber circuits	Ernst	MSG	2-techs		6
SPEAR	Mechanical	12.	Review clearing magnet crane setup	Ernst	MSG	Ernst/DiMattia		2
SPEAR	Mechanical	13.	Semi annual Inspect/label all fall restraint "D" rings (Access atop SPEAR shielding)	Ernst	MSG	SLAC ES&H		2
SPEAR	Mechanical	14.	Set in place BL-5 BOSIC, Install lead	Ernst	MSG	2-techs		1
SPEAR	Beam	15.	Move the invar rod and length gauge from	Ernst	MSG	1-tech, Gassner		1
				PIC	Shop	Task Person	Forms	(hr)

Accelerator Maintenance Day Tasks

4/7/2008

				PIC	Shop	Task Person	Forms	(hr)
			the ring between AP periods. These BSOCs are not interlocked and are used for diagnostic purposes only.					
SPEAR	Top-Off Phase 1	21.	Installation of two cables for BSOCs through penetration near BL5 Installation of cables for diagnostic BSOCs installed in item 2. No RSWCF is necessary but fire blocking in the penetration will likely will be removed prior to installation and reinstalled after installation.	Rafael	ESG	ED&M		2
SPEAR	RF	22.	Task Name : Connect SPEAR3 Klystron Vacuum reading to an Allen-Bradley channel The Spear3 RF "Klystron Vacuum" is not connected to the A-B (Allen-Bradley) system. The maximum voltage of -100 mV from the Vaclon pump controller will be connected to an A-B channel through a cross-connect block. Therefore there is no safety issues concerning the job. I will test the data path and get the connections made. No support personnel needed.	Park	ESG	Park, Allison		
SPEAR	Vacuum	23.	SPEAR walk thru	Nalls	Vacuum	Pak		
SPEAR	Vacuum	24.	17G-IG-BL04 check out	Nalls	Vacuum	Pak		
				PIC	Shop	Task Person	Forms	(hr)

Accelerator Maintenance Day Tasks

4/7/2008

				PIC	Shop	Task Person	Forms	(hr)
SPEAR	Vacuum	25.	03G-IG-TSP2 re-terminate both ends of long line collector cable.	Nalls	Vacuum	Pak		
SPEAR	Vacuum	26.	12S-IG1 and 16G-IG-TSP2 check with local controllers at IG	Nalls	Vacuum	Pak		
SPEAR	Vacuum	27.	Fire the TSP's on the BL13 M0 and M1 mirror systems	Nalls	Vacuum			

PIC Shop Task Person Forms (hr)