

WPC in a Nutshell

The WPC process is built on many existing SLAC systems- modifying and enhancing them where necessary, changing or eliminating what was redundant or not useful, enhancing or creating support tools and training, and where necessary adding additional formality.

The foundation of the process is that all activity level work is placed into one of three categories based on the job complexity. Many of the commonly performed activities at SLAC have been defined and the appropriate hazards and controls identified. These activities are documented in an [activity library](#) that can be used by supervisors and workers to generate consistent [Job Safety Analysis's](#) (JSA) or [Activity & Training Authorization](#) (ATA) (an enhanced JHAM).

- **Green** - these are activities associated with everyday living routinely accepted by society, and controlled by means well know to the workers. Specific ES&H training is not required. Authorization and release to perform green activities is granted upon completion of new employee safety orientation and the Safety Comes First checklist. [Examples of green activities](#) are available, and workers may perform these tasks without any additional formal work planning.
- **Yellow** - these are activities that do not require coordination with another work group or trade. Yellow activities may be performed in your resident work area or in another location. Authorization is granted by the supervisor or UTR for employees or non-service sub-contractors, respectively. If performing work inside your resident work area, no additional coordination is required. If performing work outside your resident work area, you must notify the Building or Area Manager to receive a Release to Proceed before initiating your activity. [Examples of yellow activities](#) are available.
- **Red** - these are activities that require coordination with another work group or trade, typically in support of a project with a larger scope than yellow work. All red work requires coordination and a Release to Proceed from the Area Manager, Project Manager or Principle Investigator. Routine coordination meetings are held and attendance is required to receive the Release to Proceed for the duration defined at the meeting. [Examples of red activities](#) are available.

Accelerator Maintenance Day Tasks

5/4/2009

				PIC	Shop	Task Person	Forms	(hr)
Access	Conditions:	1.	SPEAR access: 6:30 to 14:00					
Access	Conditions:	2.	SPEAR - Power Supply Checks - 2 hrs after power restored					
Access	Conditions:	3.	OUTAGES:					
Access	Conditions:	4.	RSWCF Open:					
Beamlines	Vacuum	5.	10-1 IV1, 13-0 IV2, 13-0 IV3. Valve size,	Neal	Vacuum	Spector/Jacobs		.5
				PIC	Shop	Task Person	Forms	(hr)

Accelerator Maintenance Day Tasks

5/4/2009

				PIC	Shop	Task Person	Forms	(hr)
			location, type, flange size, serial #s			on		
		6.	Walk through			Bach/Spector		.5
Beamlines	Vacuum	7.	8-0 IG2 troubleshoot	Neal	Vacuum	Spector/Jacobs on		1
SPEAR	Computer Control	8.	Reboot the linux boxes: connie, beldar and spearpc12lx to install the latest kernel.	Rarback		Rarback		
SPEAR	Top-Off	9.	I will need about 4 hours Monday morning to work on adjusting the trip point of the SPEAR power supplies that have new BCS interlocks (Top-Off BCS testing). Scott Wallters and I will be doing the work with Clemens running his software occasionally to check the results.	Schmerge	ASD TD	Walters, Clemens, Schmerge		4
SPEAR	Top-Off	10.	I would also like 1 hour of time inside the ring to install the last of the BCS labels.	Schmerge	ASD TD	Schmerge		1
SPEAR	RF	11.	Document RF MPS cabling that goes from the cavity rafts to Building 132.	Sebek	ASD TD	Wachter, Sebek		2
SPEAR	Mechanical	12.	Mechanical inspections	Ernst	MSG	1-MSG tech		1
SPEAR	Mechanical	13.	Review ECD quad magnet threaded rods	Ernst	MSG	1-MSG tech		2
SPEAR	Mechanical	14.	Review accelerator actuators for maintenance procedure	Ernst	MSG	1-MSG tech		2
SPEAR	Mechanical	15.	Review/Install PRV on SPEAR compressed air system	Ernst	MSG	1-MSG tech		2
SPEAR	Mechanical	16.	Pictures of LION cable in SPEAR ring	Ernst	MSG	1-MSG tech		1
				PIC	Shop	Task Person	Forms	(hr)

Accelerator Maintenance Day Tasks

5/4/2009

				PIC	Shop	Task Person	Forms	(hr)
SPEAR	Mechanical	17.	Review new LCW air bleed installation in straight sections	Ernst	MSG	1-MSG tech		1
SPEAR	Mechanical	18.	General ECD installation review	Ernst	MSG	MSG-Ernst, DiMattia		1
SPEAR	Mechanical	19.	Pictures of all SPEAR LCW relief valves	Ernst	MSG	1-MSG tech		1
SPEAR	Insertion Devices	20.	Inspect and verify the operation of BL6 ID	Dao	ESG	Dao		0.5
		21.	Check the BL13 EPU row phase girders. 9:30-10am. No access required.	Rarback		Rarback		0.5
SPEAR	Vacuum	22.	SPEAR - Walk through	Neal	Vacuum	Pak		0.5
SPEAR	Vacuum	23.	RGA Scans 8s and 14G	Neal	Vacuum	Pak		2
SPEAR	Vacuum	24.	Leak check using the 8S RGA for possible leak	Neal	Vacuum	Pak/Bach		2

PIC Shop Task Person Forms (hr)