

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

7/27/2009

			PIC	Shop	Task Person	Forms	(hr)
Access	Conditions:	1. SPEAR access: 6:30 to 14:00am					
Access	Conditions:	2. SPEAR - Power Supply Checks - 2 hrs after power restored					
Access	Conditions:	3. OUTAGES:					
Access	Conditions:	4. RSWCF Open:					
Beam Line	Vacuum	5. Walk through	Neal PIC	Vacuum Shop	Bach/Spector Task Person		0.5 (hr)

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				PIC	Shop	Task Person	Forms	(hr)
Vacuum								
Beam Line Vacuum	Vacuum	6.	10-1 IV1 and BL 13 IV Valve size, location, type, flange size, serial #s	Neal	Vacuum	Spector/Jacobson		0.5
Beam Lines	BL4-2	7.	BL4-2 door mechanism repair	Horton				
Beam Lines	MPS	8.	WITH BEAM: test priority 2 lcv faults on all beamlines..	Horton				
Beam Lines	BL14	9.	Inspect the BL14 in-alcove optics	Harrington				
Beamline Vacuum	Vacuum - Out Alcove	10.	BL13 Ion Pump Power Supply re-arrangements	Neal	Vacuum	Spector/Jacobson		2
BTS	Vacuum	11.	40 IG1 troubleshoot	Neal	Vacuum	Nalls/Quinn		1
SPEAR	Beam Diagnostics	12.	Determine the new control cables route for SPEAR Scraper System.	Dao	ESG	Wallters, Dao		2
SPEAR	Beam Stability	13.	Install fans (east and west) to circulate tunnel air, to keep uniform temperature around the ring. (Power from outside tunnel).	Safranek		Sanfranek, Ops		
SPEAR	Beam Stability	14.	Run cable to beam line photon BPM - to record in history data Beam Line XX?	Sebek	ESG	Martin, Sebek		
SPEAR	Mechanical	15.	Mechanical Inspections	Ernst	MSG	1 MSG Tech		1
		16.	Install fans: one each in the west and east straight sections	Guerra				1
				PIC	Shop	Task Person	Forms	(hr)

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				PIC	Shop	Task Person	Forms	(hr)
			Long extension cords to the outside so that the fans can be turned on and off at will.					
SPEAR	Mechanical	17.	Install Mylar on SPEAR south arc			3 MSG tech		5
SPEAR	Insertion Devices	18.	Check the BL13 EPU row phase girders 9:30 - 10:00am	Rarback		.5		
SPEAR	Vacuum	19.	Walk through	Neal	Vacuum	Jacobson		0.5
SPEAR	Vacuum	20.	G07R3C1, G11R1C11, G08R3C15, G11R3C1 Tc work	Neal	Vacuum	Ortiz/Neal		2
SPEAR	Vacuum	21.	Run scans at 8S RGA. Close valve to RGA and observe the 32 peak	Neal	Vacuum	Neal/Bach		2
SPEAR	Vacuum	22.	Baffle installation hardware needed for 5-0 IG3, 8-0 IG2, 8-0 IG3, 12-2 IG2, 13-0 FS1, 06S-IG1, 12S IG1	Neal	Vacuum	Spector/Jacobs on		1
SPEAR	Vacuum	23.	1-0 BW1 and BW2 IDs	Neal	Vacuum	Jacobson		0.5
SPEAR	Vacuum	24.	Review BM1 clamping and Z restraint removal	Neal	Vacuum	Neal/Bach		1

PIC Shop Task Person Forms (hr)