

Sort	Checklist Question		Days To
Orde	Findings Template	Corrective Action Template	Correct
Gene	ral Safety and Housekeeping		
1	Does the shop have a clean and orderly appeara	nce?	30
	Shop does not have a clean and orderly appearance.	Clean and organize shop.	
2	Is the shop free from trip/slip hazards (water, oil,	, debris)?	30
	Shop is not free from trip/fall hazards.	 Clean/remove trip/slip hazards. Have leaking machine/pipe/etc repaired. 	
Chem	nical Safety and Storage		
3	Are all chemical containers and cylinders clearly	labeled as to their contents and hazards?	30
	Chemical containers and cylinders are not clearly labeled as to their contents and hazards. 1. The original container is that which comes from the manufacturer. 2. The Secondary Container is that in which the contents from the original manufacturer's container was transferred into.	 Contact vendor/etc for new manufacturer's label. Use a blank HMIS/GHS label to describe content and hazards. 	
4	Are chemical containers in good condition?		30
	Chemical containers are not in good condition.	 Transfer contents to a new, chemically compatible container and label using manufacturer's label or a blank HMIS/GHS label. Properly discard chemical by requesting a chemical pickup. 	
5	Are secondary containers (container that is not to chemicals compatible with the chemical?	he original manufacturer's container) used to store	30
	Secondary container is not compatible with the chemical.	Transfer contents to an appropriate secondary container that is compatible with the chemical.	
6	Are all chemicals segregated to eliminate accided with Bases. Oxygen should not be stored with fue	ntal reaction? Example: Acids should not be stored el source.	30
	Chemicals are not segregated to eliminate accidental reaction.	Segregate chemicals to separate storage locations.	



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	mical Safety and Storage		
7	Has the chemical inventory been updated this ye	ear?	30
	Chemical inventory has not been updated this year.	 Conduct a complete inventory of your location and cross-reference that list with what is currently in your online chemical inventory. Add chemicals that are not currently in your online inventory. Contact EHS if a chemical online inventory has not been created to obtain instructions. 	
		https://policy.psu.edu/policies/sy39	
Pers	onal Protective Equipment		
8	Are shop personnel wearing PPE appropriate to	the tasks they perform?	30
	Shop personnel are not wearing PPE appropriate to the tasks they perform. 1. Is the shop PPE Hazard Assessment documented? https://ehs.psu.edu/ppe/forms 2. Is PPE covered in General Shop Training? https://ehs.psu.edu/ppe/resources	 Document PPE hazard assessment. Review PPE requirements with shop users. 	
9	Is EYE PROTECTION available and in good condition?		30
	 eye protection is not available. eye protection is not in good condition. 	 Purchase eye protection if none is available. Purchase new eye protection to replaced damaged PPE. 	
10	Is HAND PROTECTION available and in good con	dition?	30
	 hand protection is not available. hand protection is not in good condition. 	 Purchase hand protection if none is available. Purchase new hand protection to replaced damaged PPE. 	
11	Is HEARING PROTECTION available and in good	condition?	30
	 hearing protection is not available. hearing protection is not in good condition. 	 Purchase hearing protection if none is available. Purchase new hearing protection to replaced damaged PPE. 	
12	Is FOOT PROTECTION available and in good cond	dition?	30
	 foot protection is not available. foot protection is not in good condition. 	 Purchase foot protection if none is available. Purchase new foot protection to replaced damaged PPE. 	



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Perso	nal Protective Equipment		
13	Is RESPIRATORY PROTECTION available and in go	ood condition?	30
	 respiratory protection is not available. respiratory protection is not in good condition. 	 Purchase respiratory protection if none is available. Purchase new respiratory protection to replaced damaged PPE. 	
Occup	pational Health		
14	Are showers/eye wash stations easily accessible ((not blocked)?	30
	Showers/eye wash stations are not easily accessible (blocked). 3 feet of clearance is needed in front and 30 inches on each side (measured from the center of the unit).	Permanently relocate materials/equipment that are blocking the shower/eye wash.	
15	Are eye wash stations tested weekly?		30
	Eyewash stations are not tested weekly.	 Implement a weekly testing schedule. Post the weekly inspection form near the shower/eye wash. 	2
16	Does ventilation appear to have adequate flow (no excessive vapors/fumes/dust accumulation)?		30
	Ventilation appears to have inadequate flow.	Contact Maintenance Department/create work order to have system flow tested.)
17	Are local exhaust ducts (snorkel hoods) in good condition?		30
	Local exhaust ducts are not in good condition.	Contact Maintenance Department/create work order to have system flow tested and inspected.)
18	Is local ventilation used where required? (Ex: wel	ding areas, soldering)	30
	Local ventilation is not used where required.	Contact your campuses EHS coordinator or EHS department if at UP location-Industrial Hygienist for more information.	
19	Are noise levels not excessive? Example: Do peop standing next to someone when machinery is in c	le have to raise their voices to be heard when operation? If so, noise monitoring may be required.	30
	Noise levels appear to be excessive.	Contact your campuses EHS coordinator or EHS department if at UP location-Industrial Hygienist for more information.	
20	Is adequate lighting provided at all equipment/w	vork bench locations?	30
	Lighting appears to be inadequate.	Contact your campuses EHS coordinator or EHS Industrial Hygienist if at UP location for more information.	



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Occu	pational Health		
21	Are first aid supplies properly maintained?		30
	First aid supplies are not kept in accordance with PSU Policy SY21.	Contact your campuses EHS coordinator or EHS department if at UP location for more information.	
		https://policy.psu.edu/policies	
Mear	ns of Egress		
22	Exits clearly identified with exit signs in rooms de	signed for 50 or more occupants.	3
	Exit signs are not provided in a space with an occupant load of 50 or more people.	Provide exit signs above required exit doors.	
23	Corridors/exits are clear of all obstructions?		30
	Public corridors/exits have materials obstructing access in the event of an emergency and thus do not comply with the provisions of PSU Policy SY36.	Remove obstructions from the corridor and/or exit to facilitate egress in the event of an emergency.	
	comply with the provisions of PSO Policy 5136.	https://policy.psu.edu/policies/sy36	
Porta	able Fire Extinguishers		
24	Fire extinguishers are visible and unobstructed		
	Fire extinguisher not visible or accessible.	Remove obstructions to provide clear visibility and access.	
25	Fire extinguishers are securely mounted to the wall or located in a fire extinguisher cabinet.		
	Fire extinguisher is not mounted on the wall or located in cabinet.	Mount fire extinguisher on wall at approved height. Maximum 5 ft. to top of handle for extinguisher weighing < 30 pounds. Maximum 3 ft. to top of handle for extinguisher > 30 pounds.	
26	Fire extinguishers are maintained in good conditi	on and properly charged	(
	Fire extinguisher is not properly charged (in green) or visibly damaged.	Replace / service fire extinguisher.	
27	Fire extinguishers with current inspection tag and	i seal.	3(
	Fire extinguisher has not been properly inspected within required time frame.	At University Park, contact Office of Physical Plant to have PFE inspected.	
		At CWC, contact maintenance department to have PFE inspected.	



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Porta	ble Fire Extinguishers		
28	Are the fire extinguishers appropriate for the fue	ls present?	7
	Fire extinguishers are not appropriately rated for the fuels present.	Provide an appropriately rated fire extinguisher. ABC rated for ordinary combustibles, flammable liquids, and electrical. D-rated for combustible metals.	
Fire A	larm Systems		
29	Manual fire alarm pull stations are visible and cle	ear access to operate is provided.	7
	Visibility and/or clear access to the manual pull station is not provided. (Must have three foot clearance width with 18" on each side from center of pull station. Must also have three foot clearance from face of pull station)	unobstructed access.	
Fire S	uppression Systems		
30	A minimum of 18 inches of clearance is provided space.	below sprinkler heads to materials throughout the	30
	18" clearance between sprinkler head and materials is not provided.	Relocate materials to provide 18" clearance.	
Hazar	dous Waste		
31	Are oily rags and combustible wastes kept in clos	ed metal containers?	30
	Oily rags and combustible wastes are not kept in closed metal containers.	Purchase the correct type of waste container. Typically these cans are red, but yellow is also available. Must be self-closing lid and labeled.	
32	Are waste materials placed in the proper contain include: Oily rags, waste oil and filters, waste pai	ers w/ lid that closes? Hazardous Waste examples int, waste aerosol cans.	30
	Waste materials are not placed in proper containers w/lid that closes.	 Waste oil in a metal/plastic closed top drum; Corrosive materials only in poly container with lid. Any questions about waste should be forwarded to your campuses EHS Coordinator or the Hazardous Waste Program Manager if at UP location. Program summary can be found here: https://ehs.psu.edu/chemical-and-hazardous-wastemanagement/overview. 	



Sort Orde			ays To Correct
	ardous Waste	corrective Action remplate	
33	Is the container labeled clearly with contents, the waste type? Example: Waste Oil-start date 01/01 or purchased a pre-printed label for a safety supp	1/2023-Residual Waste. This can be hand written	30
	The container is not clearly labeled with contents, date the first drop was placed in the container, and waste type.	Label container	
34	Are waste containers segregated from incompatil near waste bases.	ble materials? Waste acids should not be kept	30
	Waste containers are not segregated from incompatible materials.	Relocate storage location to ensure proper segregation.	
35	Are spill cleanup materials available? Example: 5 pads and bag of oil absorb clay material.	gallon bucket of New Pig Universal absorbent	30
	Spill cleanup materials are not available.	Purchase a spill kit	
36	Is all waste inside proper, intact, secondary conta	inment?	30
	Waste is not kept inside a proper, intact, secondary containment.	Put containers inside secondary containment.	
Fire	Prevention and Protection		
37	Are flammable liquids properly stored in approve	d containers / flammable liquids storage cabinets?	30
	Flammable liquids are not properly stored in approved containers / flammable liquids storage cabinet.	Purchase approved storage containers / flammable liquid storage cabinet.	
Hot '	Work Program		
38	Is there a safe work area designated for soldering combustibles/flammables?	tasks to provide clearance from	30
	A safe work area has not been designated for soldering tasks to provide clearance from combustibles/flammables.	Permanently create a safe work area for soldering activities by eliminating combustibles/flammables from the location. Soldering work space shall not be located beneath combustible shelving. Keep all combustible / flammable materials away from work area.	



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Hot	Work Program		
39	Is there a designated hot work area for welding	and other hot work activities?	30
	There is no designated hot work area for welding and other hot work activities.	Complete a daily hot work permit. https://ehs.psu.edu/hot-work/overview. Hot work permit not needed if area is previously designated as hot work area.	
Elec	trical Safety		
40	Electrical cords are in good condition		0
	There is visible damage to the electrical cord.	SELECT OPTION 1 OR 2 depending on issue. 1. Discard damaged cord and replace with new. 2. Contact qualified person if a repair to an equipment cord can be completed. If at UP, contact Physical Plant. If at CWC, contact maintenance Department.	
41	Extension cords and multiplug strips are properly used. (No daisy chain).		
	Extension cords / plug strips are connected in series (daisy chain)	 Relocate equipment to a location near an existing electrical receptacle Install a new circuit/receptacle. If at UP contact Office of Physical Plant. If at CWC contact Maintenance Dept. 	2
42	Electrical extension cords are not used as wiring for a duration of 90 days or more.		30
	Extension cord is used as permanent wiring.	 Relocate equipment to a location near an existing electrical receptacle Install a new circuit/receptacle. If at UP contact Office of Physical Plant. If at CWC contact Maintenance Dept. 	2
43	Are all hazardous energy disconnecting means lo	abeled to indicate the equipment served?	30
	All hazardous energy sources are not labeled.	Label the energy source/s (electrical, chemical, steam, etc) disconnect/s point that will completely eliminate the energy source/s.	
44	Electrical panels are accessible		30
	Electrical panels are obstructed and a minimum clear floor space of 36" in front x 30" wide x 6' 6" height is not maintained.	Remove obstructions to provide clear access to electrical panel.	



rical Safety		
All electrical junction boxes, receptacles, switches covered.	s, disconnect boxes, and knockouts are securely	30
Electrical device is not properly enclosed/covered.	Repair / replace missing or damaged item. If at UP contact Office of Physical Plant, If at CWC contact Maintenance Dept.	
Are all extension cords equipped with a grounding conductor (3 prong plug)?		30
Extension cord is not equipped with 3 prongs.	Replace with extension cord with a grounded conductor (3-prong plug)	
	•	30
Portable power tools are not equipped with 3 prong plug nor are they double-insulated.	Discard tool and purchase one that either has a 3 prong plug or is double insulated.	
oment/Machinery		
Do ALL MACHINES that require an equipment specific LOTO procedure have one developed?		30
Machines that require a written documented procedure do not have one.	 Create procedures utilizing the template found on this website: https://ehs.psu.edu/lockout-tagout/forms See PSU LOTO program, section 11.0 for guidance. 	
	https://ehs.psu.edu/lockout-tagout/requirements-guidelines	
Are ALL MACHINES kept clean? (excessive debris,	shavings, dust, etc)	30
Machines are not kept clean.	Establish work rule and train personnel to clean machines after use/end of shift.	
		30
Lathes are not properly guarded.	Order appropriate machine guards from the manufacturer. If the manufacture doesn't make the guard, purchase from 3rd party. If 3rd party does not have any guards, then one can be fabricated in-house.	
	Electrical device is not properly enclosed/covered. Are all extension cords equipped with a grounding Extension cord is not equipped with 3 prongs. Are portable tools either grounded (3-prong plug symbol that will be on the equipment's name plated Portable power tools are not equipped with 3 prong plug nor are they double-insulated. Doment/Machinery Do ALL MACHINES that require an equipment specific Machines that require a written documented procedure do not have one. Are ALL MACHINES kept clean? (excessive debris, Machines are not kept clean. Are lathes properly guarded? See the PSU Machinettes://ehs.psu.edu/machine-shop-safety/required.	Electrical device is not properly enclosed/covered. Repair / replace missing or damaged item. If at UP contact Office of Physical Plant, If at CWC contact Maintenance Dept. Are all extension cords equipped with a grounding conductor (3 prong plug)? Extension cord is not equipped with 3 prongs. Replace with extension cord with a grounded conductor (3-prong plug) or double-insulated? The double insulation symbol that will be on the equipment's name plate will look like 2 squares inside of each other. Portable power tools are not equipped with 3 prong plug or is double insulated. Discard tool and purchase one that either has a 3 prong plug or is double insulated. Discard tool and purchase one that either has a 3 prong plug or is double insulated. Discard tool and purchase one that either has a 3 prong plug or is double insulated. Discard tool and purchase one that either has a 3 prong plug or is double insulated. Discard tool and purchase one that either has a 3 prong plug or is double insulated. Discard tool and purchase one that either has a 3 prong plug or is double insulated. Discard tool and purchase one that either has a 3 prong plug or is double insulated. Discard tool and purchase one that either has a 3 prong plug or is double insulated. Discard tool and purchase one that either has a 3 prong plug or is double insulated. Discard tool and purchase one that either has a 3 prong plug or is double insulated. Discard tool and purchase one that either has a 3 prong plug or is double insulated. Discard tool and purchase one that either has a 3 prong plug or is double insulated. Discard tool and purchase one that either has a 3 prong plug or is double insulated. Discard tool and purchase one that either has a 3 prong plug or is double insulated. Discard tool and purchase one that either has a 3 prong plug or is double insulated. Discard tool and purchase one that either has a 3 prong plug or is double insulated. Discard tool and purchase one that either has a 3 prong plug or is double insula



فحد	er Findings Template	Corrective Action Template	Correct
Equi	pment/Machinery		
51	Are table saws properly guarded? See the PSU https://ehs.psu.edu/machine-shop-safety/requ		30
	Table saws are not properly guarded.	Order appropriate machine guards from the manufacturer. If the manufacture doesn't make the guard, purchase from 3rd party. If 3rd party does not have any guards, then one can be fabricated in-house.	
		https://ehs.psu.edu/machine-shop-safety/requirements-guidelines	
52	Are vertical band saws properly guarded? See t https://ehs.psu.edu/machine-shop-safety/requ		30
	Vertical band saws are not properly guarded.	Order appropriate machine guards from the manufacturer. If the manufacture doesn't make the guard, purchase from 3rd party. If 3rd party does not have any guards, then one can be fabricated in-house.	
		https://ehs.psu.edu/machine-shop-safety/requirements-guidelines	
53		endix E of the PSU Machine Shop Program? Click on er guarding. See the PSU Machine Shop program. p-safety/requirements-	30
	Machines are not guarded correctly.	Order appropriate machine guards from the manufacturer. If the manufacture doesn't make the guard, purchase from 3rd party. If 3rd party doe not have any guards, then one can be fabricated in-house.	
		https://ehs.psu.edu/machine-shop-safety/requirements-	
		guidelines	
54	Is a brush/similar type of hand tool available to mills, etc)?		30
54		guidelines o safely clean up metal shavings/chips/pieces (lathe,	30
54	mills, etc)? A brush/similar tool is not available to safely clean up metal shavings/chips/pieces.	guidelines o safely clean up metal shavings/chips/pieces (lathe, Purchase hand tool/brush/tongs/etc. that are utilized	30



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	pment/Machinery		
56	Are emergency stop devices (push button/mushro some emergency stop devices) and working prop		30
	Emergency stops are not red and/or are not functioning properly.	 If device is not functioning lockout piece of equipment. Contact manufacturer to find out if they have replacement parts. Contact 3rd party machine guarding vendors to determine if they have replacement parts. 	
57	Are all equipment controls clearly labeled?		30
	Equipment controls are not clearly labeled.	1. Replace labels. Contact manufacturer or 3rd party vendor or make new labels in-house.	
58	Are all equipment warning stickers (installed by t	the manufacturer or by Shop Supervisors) legible?	30
	Manufacturer installed warning stickers are not legible and/or are missing.	Replace labels. Contact manufacturer or 3rd party vendor or make new labels in-house.	
59	Is equipment, such as but not limited to, benchto sanders, benchtop/standing bandsaws, secured to moving while in operation?	p/standing drill presses, benchtop/standing to the ground or wall to protect against "walking"	30
	Equipment is not secured to the ground/wall to prevent "walking"/moving.	Secure mechanically via bolts, screw, etc to the floor.	
60	Is compressed air pressure adequately controlled guns must be limited to < 30 p.s.i. if dead-ended) https://ehs.psu.edu/health-safety-information	to protect area personnel? (Pressure at tip of air . See guidance document here:	30
	Compressed air hoses are not adequately controlled to protect area personnel.	Install an air hose nozzle/safety tip.	
61	Is all equipment capable of being locked out duri disconnects/valves/circuit breakers, etc)?	ng servicing (via electrical	30
	Equipment is not capable of being locked out during servicing.	 Contact manufacturer to see if they have a LOTO retrofit kit/equipment. If not, contact EHS for guidance. 	
62	Are all hand tools in good condition? (i.e. no broken)	ken/cracked handles or parts)	30
	Hand tools are not in good condition.	Discard damaged tools and purchase new.	



Orde	er Findings Template	Corrective Action Template	Days To Correct
Mate	erials Handling and Storage		
63	Is all material stacked and stored in a stable man	ner?	30
	Material is stacked/stored in an unstable manner.	 Re-organize into safe configuration. Purchase storage racks/cabinet/etc. 	
64	Are compressed gas cylinders properly secured (i.	e. secured to wall)?	30
	Compressed gas cylinders are not properly secured.	 Securely fasten to wall/structure. Purchase wall mounted compressed gas cylinder storage holder. 	
65	Are protective caps placed on all cylinders that a	re not in use?	30
	Protective caps are not in place on cylinders not in use.	 Re-attach cylinder caps. Purchase new cylinder caps. 	
66	Are mechanical devices (crane/hoist, cart, dolly, etc) available for use with heavy loads (> 50 pounds)?		30
	Mechanical devices are not available for loads/items greater than 50 pounds.	Purchase equipment to assist personnel with lifting/moving object. Contact EHS Ergonomic program manager if assistance in choosing equipment is needed.	
67	Are load ratings clearly marked on each side of c	ranes/hoists (visible from floor)?	30
	Load rating not visible on crane/hoist.	 Attach load rating to the hoist/crane casing. If crane/hoist too high to safety access then contact OPP/maintenance department for assistance. 	
EHS	Administration		
68	General Comments or Other Deficiencies		30
	Insert notes and comments as appropriate.	As appropriate use "FINDINGS" module to create and assign additional finding to responsible person(s) from the Inspection Question Library. Then add cross-reference to the Finding IDs to this Assessment.	