



## JOB HAZARD ANALYSIS

### CARPENTER

The following assessment has been prepared to assist CSUDH staff in the identification of hazards that may be present in University work classifications. It is only a guide and should not be taken to imply that only the listed hazards are the only risk present in the applicable work classification. It is the responsibility of all employees, supervisors and managers to constantly evaluate each work tasks (before, during and after performance of the task) and identify any hazards that could be a danger to the worker and take steps to control, reduce and/or eliminate the risk to the University worker.

Job Hazard	Hazard Control
1. Constant contact with sharp objects, blades and other tools	1. Use machine guards, avoid direct contact by using push sticks or safe devices
2. Paint and chemical contact	2. Wear proper gloves and eye protection; PPE instruction
3. Potential fume inhalation from paints, cleaners, solvents and stains	3. Work in ventilated areas to lessen and avoid paint, stain and thinner vapors—wear proper respiratory protection when applicable and/or needed; train in Hazard Communication and PPE
4. Improper use of electrical equipment and power tools	4. Use electrically grounded tools (if using electrical tools); avoid contact with moving parts of any tool; use proper machine guarding where applicable; instruct in Logout/Blockout and Machine Guarding Safety
5. Constant heavy lifting; using ladders while carrying loads up and down	5. Use proper lifting techniques and ergonomic principles; seek assistance with heavy loads exceeding 40 pounds and/or when applicable
6. Potential exposure to hazardous waste, materials, biohazards, dusts and flumes	6. Wear proper PPE gloves, eye protection and applicable- respiratory protection for fumes and dust
7. Improper use of hand tools	7. Avoid using tools in situations that may cause pinching or smashing hazards to hands or other body parts due to slipping or other accidents;
8. Potential electrical shock	8. Maintenance of energized tools/equipment is not allowed by unauthorized mechanics; use lockout/blockout system to ensure safety;
9. Utilization of material handling equipment and small electrical campus carts	9. Train for forklift and campus small cart use
10. Possible improper construction and use of scaffolding and/or ladders	10. Secure scaffolding to floor and a secure upright structure to ensure stable use of the scaffolding;

	evaluation by engineer when possible
11. Potential exposure to loud noises while working inside Carpenter Shop	11. Instruct proper use of hearing PPE; participation in the Hearing Conservation program
12. Potential hazards relating to when performing general Laborer duties	12. See <i>Laborer</i> general hazards for additional potential hazards and hoe to minimize them
13. Hazards related to <i>Administrative Personnel</i>	13. See Administrative Personnel—Job Assessment for additional potential hazards that this classification may be exposed to
14. Potential for asbestos containing materials (ACM) exposure	14. Awareness of Asbestos notification (annual) and the areas of the University with current identified locations; also awareness that the University may <i>still</i> have asbestos containing materials that may not have been identified

Recommended Instruction:

- New Employee Orientation
- Injury and Illness Prevention Program
- Asbestos Awareness
- Machine Guarding
- Lock out / Block out
- Safe Lifting and Back Safety
- Hazard Communication
- PPE – Vision and Hearing Protection
- Waste Management
- Campus Cart and Forklift Certification
- Respiratory Protection
- First Aid

Recommended PPE:

- Non-metallic toe safety shoe / boot
- Long Pants
- Impact resistant safety glasses
- Ear plugs / ear muffs to minimize noise exposure
- NIOSH approved dust mask when performing particulate generating work tasks