

Job Hazard Analysis

Hazard Category: _____ xx
Low Moderate High

Engineering
Department/Area

Affected Personnel: All assigned personnel

<i>OSHA Training Required</i>	<i>Job Specific Training</i>	<i>Task Specific Requirements</i>	<i>Equipment Used</i>
Emergency Procedures	Scaffold	Maintenance of Buildings:	Hand Tools/air tools-pneumatics/power tools*
HAZCOM	CSC (recovery)	HVAC	Power Jet Cleaner
Lockout/Tagout	RSES (refrigerator)	Lighting	Ladders/testers
Confined Space	Replace Bulbs/Ballasts	Electrical	
*Vehicle Safety	Grease Bearings	Plumbing	Power snake, hand tools
Personal Protective Equipment	Snaking	Climbing	Ladders
Ladder Safety	Repair Plumbing Fixtures	Lift/Carry/Bend	
*Refrigerator (Limited) (CFC Program)	Electrical Wiring	Welding	Torches
Electrical	Stationary Eyewash		Elect Impact
2-Hour Asbestos Awareness	Management Training	Confined space areas	Permit as required/tools as required
Respiratory Protection (as applicable)	Records Management	Use of lift vehicles	Lift vehicles
Fire Extinguisher	Computer Competence	Operate University vehicles	Snow Removal Equipment, University owned vehicles
*Back/lifting	Welding/Elect & Gas		Hard hats as required
Bloodborne Pathogen	Kitchen Equipment		Lift Equipment
Forklift (as applicable)	Snow Removal		Power Tools: Drills, Saws, Electric Volt Meters, Recovery/Reclaiming, Gauges
	Lifting requirement 100 lbs.		

Comments: * Not mandatory – required by CU Safety Program. Contractor briefing sign offs. Due to varied equipment required on a daily basis, the quantity and nature of equipment, individuals in the engineering department fall in high-hazard potential. Specified training: Both OSHA mandated and "on the job" is required to insure competence on varying levels.

Personnel Protective Equipment (PPE) required as assigned tasks indicate need, the following items of PPE may be required:

1. Gloves (various types depending upon task) Heavy, leather, work type gloves to thin latex may be necessary on occasion.
2. Safety glasses/goggles/face shields depending upon the risk of foreign object or chemical splash to the eye.
3. Welders face shield for those welding.
4. Fall protection (harness lanyard) if and as required.
5. Respiratory protection (respirator when/if job assignment exposes employee to respiratory contaminants. (i.e. chemicals, particulates, organics)
6. Hearing protection as required.
7. Other: Rings are not advised when extension ladders are utilized on the job.

Prepared By: Paul Nichols, Director EH&S **Date:** May 2001 **Updated:** November 2003