

WAYNE STATE UNIVERSITY

FP&M Safety Talk - **WORKSHOP SAFETY**

Date: _____

Trainer: _____

Compressed Air. MIOSHA states that air pressure at the discharge end of a portable air hose should be less than 30 lbs. psi when dead-ended. Compressed air must be treated with respect. It's a valuable tool but it must be used intelligently and in a safe manner. Air pressure in excess of 30 lbs. can drive chips, as well as scale from inside the piping, into your face and eyes with the force of shrapnel. Such air driven missiles still do damage when they bounce off a surface, spinning much like a high speed cutting head.

Air pressure against the skin may penetrate deeply to cause internal hemorrhage and intense pain. Air that enters a body opening can burst internal organs and cause slow, agonizing death. Air in excess of 30 lbs. can blow an eye from its socket, and/or rupture an eardrum. The nozzle of an air hose is a deadly weapon. Don't point it at anyone, or yourself. Use safer, better ways of cleaning dust from your clothes—by vacuum cleaning or brushing.

Extension Cords. Normal wear on cords can loosen or expose wires. Cords that are not 3-wire type, not designed for hard-usage, or that have been modified, increase your risk of contacting electrical current.

- Do not modify cords or use them incorrectly.
- Use factory-assembled cord sets and only extension cords that are 3-wire type.
- Remove cords from receptacles by pulling on the plugs, not the cords.
- Visually inspect all electrical extension cords before use. Take any defective equipment out of service.
- Do not remove ground prongs from cord- and plug-connected equipment or extension cords.

Wear safety glasses or face shields when work operations can cause foreign objects getting into the eye such as during welding, cutting, grinding, nailing (or when working with concrete and/or harmful chemicals or when exposed to flying particles), and when exposed to any electrical hazards including work on energized electrical systems.

Loose clothing, neckties, watches, rings or other jewelry should not be worn around mechanical equipment. These items of apparel are considered dangerous on many jobs. Long hair should be tied back away from face and not allowed to “fall” into your work.

Gloves should not be worn around rotating shafts or other moving equipment. The gloves can be caught on equipment and result in serious hand and arm injuries.

I have received this information:

Print Name	WSU ID	Initials



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