

<i>Hazard Review</i>	
<ul style="list-style-type: none"> • Caught in/on/between; pinch points • Electrical • Fire/explosion • Flying object; struck by • Noise • Striking against • Thermal stress 	
<i>Related Safe Work Practices</i>	
<ul style="list-style-type: none"> • Electrical Safety, General • Power Tools 	
<i>Required Personal Protective Equipment</i>	
<ul style="list-style-type: none"> • Hearing Protective Device • Safety Glasses 	
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This safe work practice addresses the hazards of a Power Press.

This SWP is dedicated to helping you avoid an injury or illness from known hazards. We advise you to follow these recommendations.

The known hazards and potential injuries or illnesses related to Punch Pressing based on RPD injury and illness data includes:

Known Hazard	Potential Injury, Illness
Fire/explosion	Burns, death
Flying object; struck by	Laceration, cut, puncture, foreign object in eye, abrasion
Noise	Hearing loss
Thermal stress	Hypothermia, heat-related illness
Striking against	Laceration, puncture, abrasion
Caught in/on/between; pinch points	Crush, amputation
Electrical	Shock, burn, cardiac arrest, death

All tasks require that you:

- Use the equipment in accordance with the guidelines set forth by the manufacturer. This includes following all signs and labels, and reviewing any manufacturer's operating manuals.
 - If the instructions provided in the operating manual conflict with this SWP, then follow the instructions in the manual. The manufacturer's instructions prevail over this SWP.
- Review the safety data sheets (SDSs) for any chemical used.
- Train on this SWP and those listed above as related. Training on SWPs must be completed before initial assignment. It is also recommended that you complete refresher training every two years.

You are advised to read and follow this SWP and any related SWPs.

BEFORE

1. Complete required training. This includes:
 - a review of the manufacturer's operating manual.
 - training on this SWP and those listed as related. These must be completed before the initial assignment and every 2 years thereafter.
2. As the operator, you should inspect the press each work shift prior to use. Ensure that:
 - All machine guards and safety devices are in place, and that the press is properly lubricated (check oil reservoir).
 - The area around the machine should be well lit, dry, and as free as possible from obstructions.
3. Don the personal protective equipment as noted above to prevent personal injury.

DURING

4. Keep hands out of the path of moving parts.
5. Always use tools for feeding or retrieving material from the point of operation or any other hazardous part of the machine. DO NOT reach through or into the die area for any reason.
6. Keep all safety guards in place. Do not rewire or bypass any of the two handtrip controls or other safety devices.
7. Immediately report any problem or deficiencies you notice during your shift. Do not wait until the end of your shift to address a serious safety issue. If the

problem is serious, make it your responsibility to have the vehicle removed from service.

AFTER

8. Turn the machine to the off position when changing tooling or performing maintenance work.
9. Once the machine has come to a full stop, wipe off any dust or oil accumulation. Place all oily waste rags into the proper disposal container.
10. Place a safety block under the ram and padlock the fuse box.

For any questions, please contact EHS at 415-831-2780.

References:

1. "Power Press Safety," Tailgate/Toolbox Topics, Cal OSHA, May 1992.
2. "Instructions and Repair Parts Manual for Piranha Ironworker Model No. P70," December 1997.