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| Revision #:  Written by: | Date: Month DD, YYYY  Approved by: |
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| Related Documents: | * Owner’s Manual for the Hydraulic Press | |
| When to use this SWP: | Hydraulic pressure can cause materials to break, possibly resulting in personal injury. It is not possible for the manufacturer to provide all purpose shielding because this a general all-purpose press to be used in many different shop applications. To operate a hydraulic press to prevent incident injury to the operator and those around the operator. | |
| Hazards & Risks: | * Pinching * Crushing * Eye Injuries | |
| Personal Protective Equipment: | CSA approved   * Steel Toed Boots, * Safety Glasses * Face Shield * Gloves, coveralls * Contain long & loose hair – includes beards, * Hearing protection | |
| Training Requirements: | * Training by a competent experienced worker | |
| Communication Process: | * Read the owner’s manual before use and attend on the job training with a competent experienced person. | |
| **Equipment & Supplies:** | * First Aid Kit * Fire Extinguisher * Cell/Smart Phone or two-way radio | |
| **Practice:**   1. Read and follow the operating instructions 2. Inspect the entire length of the lifting cables at least every three months, and replace cables that appear frayed, worn, or crushed. 3. The cables must run on the pulleys easily and the pulleys must be free to turn. 4. Correct cable maintenance helps prevent cable breakage. 5. A press can exert high force at a moderate hydraulic pump pressure. If you are unsure of how much force is exerted at a given pressure speak to a supervisor and if necessary, contact the manufacturer rep. 6. Wear CSA approved PPE as listed above and as per the manufacturer’s manual. 7. Keep hand away from the work area 8. The press should be located in an isolated area or shielded to minimize danger to others 9. Keep piece of material being worked on well supported and aligned to prevent it from slipping and breaking. 10. Do not place workpiece on the press bed or apply hydraulic force until all bolster pins are in place and all tension has been removed from the bolster lift cables. 11. Do not stress adaptors beyond their capabilities. 12. Pushing or pulling adapters used with this press must have a maximum tonnage rating equal to, or greater than, the maximum tonnage rating of the press. Otherwise, breakage may occur. 13. Keep hands, feet, legs, etc. out from under the bolster. Accidental slippage can result in personal injury. 14. Never raise or lower the bolster if a load has been placed on it.   Procedure:   1. Conduct Hazard Assessment and control the existing & potential hazards. 2. Read the owner’s manual for the hydraulic press before the first operation. 3. Put on the PPE as listed above. 4. Inspect the hydraulic press before use. 5. Test the controls 6. Confirm clearance. 7. Clear all debris, equipment, tools, people, and material from hydraulic press area. 8. Tightly close the release valve on the bottle jack, by turning it clockwise. 9. To adjust the lower bolster,hold one end of the lower bolster in place and adjust the bolster pin up or down, one or two holes. Then hold in place the other end of the bolster and adjust its associated bolster pin so the lower bolster is level. 10. To change press adapters,unscrew the set screw in the pressing bracket sleeve. Remove the adapter, and insert the desired adapter, seating it completely. Tighten the set screw. 11. When the work is complete, remove all material, and cleanup work area. | | |
| EMERGENCY PROCEDURES: | | In case of emergency, contact 911 and the farm owner immediately. Remove yourself from harm’s way and ensure no one else is at risk. |