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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: | * This press is designed and intended for use by properly trained and experienced personnel only. If you are not familiar with the proper and safe operation of a hydraulic press, do not use until proper training and knowledge have been obtained. | |
| **Equipment & Supplies:** | * First Aid Kit * Fire Extinguisher * Cell/Smart Phone or two-way radio | |
| **Practice:**   1. Read and understand all safety warnings on the machine and in this manual. 2. Replace warning labels if they become obscured or removed. 3. Do not operate this press beyond its rated capacity. Use pressure gauge to determine load. 4. This press is designed for pressing, bending, and straightening purposes only. 5. Keep hands away from pressing area and pinch points. 6. Check the press for loose or damaged parts before each operation. Replace damaged parts and tighten all loose bolts before operating. Components are designed to withstand the rated capacity of the press – do not substitute components. 7. Make sure workpiece is center-loaded and secure on the bed before pressing. 8. Always apply load at center of ram. 9. Remove workpiece from table before attempting to raise or lower table. . 10. Some parts being pressed may have a tendency to be ejected from the press or explode under pressure. Protect yourself accordingly, and do not allow bystanders near the machine. 11. Use good quality hydraulic pump oil only. Do not use brake fluid or other improper types. 12. Do not use tube extensions on the pump handle. 13. Always wear approved safety glasses/face shields and personal safety equipment.   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. Raise the front safety guard, place the work to be pressed centrally on the lower bolster pressing face and lower the safety guard.  Lower top bolster pressing face, by turning the lead screw handle clockwise.Pull and push the pump handle to smoothly build up pressure.To release the pressure load, turn the pressure release handle anticlockwise by one turn.Turn the lead screw handle anticlockwise to raise the pressing face, open the front safety guardWhen the work is complete, remove all material, and clean-up 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. |