



# Job Hazard Analysis Form



|   |       |
|---|-------|
| Task<br><b>Pipe threader - RIDRID</b>                                 |       |
| Completed by<br><b>Sherry Liu</b>                                     |       |
| Required PPE<br><b>Safety glasses, work boots (hard toe/non-slip)</b> |       |
| Date<br><b>August 2018</b>  | Notes |

| Step | Picture   | Step Description   | Hazards   | Controls   |
|------|---|--|---|--|
| 1    |  | Perform pre-use inspection and check   | <ul style="list-style-type: none"> <li>• Slips</li> <li>• Skin or eye injury from the cutting oil in the reservoir</li> </ul>               | <ul style="list-style-type: none"> <li>• Complete hands-on pipe threader training prior to use</li> <li>• Make sure work area is clean and well light</li> <li>• Red tag any equipment which does not pass inspection</li> <li>• Control oil contact with the floor</li> <li>• Use a floor covering or absorbent such as kitty litter</li> <li>• Use a vacuum cleaner to clean the catch pan</li> <li>• Wear eye protection</li> </ul>                           |
| 2    |   | Feed the pipe into the sleeve, clamp the pipe in place, ream pipe and adjust appropriate die | <ul style="list-style-type: none"> <li>• Hand injury while sliding the pipe through.</li> <li>• Muscle strain</li> </ul>                    | <ul style="list-style-type: none"> <li>• Don't wear gloves</li> <li>• Position pipe without reaching over the threader.</li> <li>• Keep your foot out of the foot safety switch.</li> <li>• Don't tighten the clamp while the machine is running.</li> <li>• Don't drop the reamer on your hand while positioning the reamer.</li> <li>• Don't clean the die or the pipe end with your hands.</li> <li>• Don't start the machine until the die is set</li> </ul> |
| 3    |   | Start the threader   | <ul style="list-style-type: none"> <li>• Injuries due to clothes catching on the threader</li> <li>• Skin or eye injury from the</li> </ul> | <ul style="list-style-type: none"> <li>• Don't wear loose clothing or jewelry while operating the threader.</li> <li>• Keep your hands away from the die and the pipe.</li> <li>• Wear eye protection</li> </ul>   |

| Step | Picture   | Step Description                                | Hazards   | Controls   |
|------|---|---|---|--|
|      |  |   | <p>cutting oil being delivered to the pipe.</p> <ul style="list-style-type: none"> <li>• Metal debris projectiles</li> <li>• Burns from metal debris</li> </ul>     | <ul style="list-style-type: none"> <li>• Use footswitch to start threading, if anything happens, release from footswitch</li> </ul>  |
| 4    |   | Wipe excess oil and metal debris from the pipe. | <ul style="list-style-type: none"> <li>• Hand injury from rotating threads</li> <li>• Injuries due to clothing catching on the threader.</li> </ul>                 | <ul style="list-style-type: none"> <li>• Wear Don't touch the rotating threads.</li> <li>• Use a steel brush or similar instrument to clean the threads.</li> <li>• Don't wear loose clothing while operating the threader.</li> <li>• Keep your hands away from the rotating pipe.</li> </ul>                           |
| 5    |   | Loosen and pull the pipe                        | <ul style="list-style-type: none"> <li>• Hand injuries from interaction with the pipe vise.</li> <li>• Hand injuries from interaction with the pipe vise</li> </ul> | <ul style="list-style-type: none"> <li>• Remove foot from the safety switch, flip the switch off, and ensure the pipe has stopped rotating.</li> <li>• Remove foot from the safety switch, flip the switch off, and ensure the pipe has stopped rotating</li> <li>• Keep your fingers away from the vise jaws</li> </ul> |