## Job Hazard Analysis Form

**Task**  
Pipe threader - RIDRID

**Completed by**  
Sherry Liu

**Required PPE**  
Safety glasses, work boots (hard toe/non-slip)

**Date**  
August 2018

### Table of Hazard Analysis

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| 1    | ![Pipe threader](image1.png) | Perform pre-use inspection and check | • Slips  
• Skin or eye injury from the cutting oil in the reservoir | • Complete hands-on pipe threader training prior to use  
• Make sure work area is clean and well light  
• Red tag any equipment which does not pass inspection  
• Control oil contact with the floor  
• Use a floor covering or absorbent such as kitty litter  
• Use a vacuum cleaner to clean the catch pan  
• Wear eye protection |
| 2    | ![Pipe threader](image2.png) | Feed the pipe into the sleeve, clamp the pipe in place, ream pipe and adjust appropriate die | • Hand injury while sliding the pipe through.  
• Muscle strain | • Don’t wear gloves  
• Position pipe without reaching over the threader.  
• Keep your foot out of the foot safety switch.  
• Don’t tighten the clamp while the machine is running.  
• Don’t drop the reamer on your hand while positioning the reamer.  
• Don’t clean the die or the pipe end with your hands.  
• Don’t start the machine until the die is set |
| 3    | ![Pipe threader](image3.png) | Start the threader | • Injuries due to clothes catching on the threader  
• Skin or eye injury from the | • Don’t wear loose clothing or jewelry while operating the threader.  
• Keep your hands away from the die and the pipe.  
• Wear eye protection |
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| 4    | ![Pipe](image) | Wipe excess oil and metal debris from the pipe. | • Hand injury from rotating threads  
• Injuries due to clothing catching on the threader. | • Wear Don’t touch the rotating threads.  
• Use a steel brush or similar instrument to clean the threads.  
• Don’t wear loose clothing while operating the threader.  
• Keep your hands away from the rotating pipe. |
| 5    | ![Pipe](image) | Loosen and pull the pipe | • Hand injuries from interaction with the pipe vise.  
• Hand injuries from interaction with the pipe vise. | • Remove foot from the safety switch, flip the switch off, and ensure the pipe has stopped rotating.  
• Remove foot from the safety switch, flip the switch off, and ensure the pipe has stopped rotating  
• Keep your fingers away from the vise jaws. |