



# Job Hazard Analysis (Pipe Bending)

Analysis by: Riaan Strydom

Reviewed by:

Approved by:

**Department:**  
**Welding**

Date: June 20, 2017

Possible Hazards or Task	Describe Harm that could occur	Hazard Rating (Low/Medium/High)	Control Action	Personal Protective Equipment (PPE)	Frequency of Monitoring
Physical: lifting and handling loads repetitive motion slips, trips, and falls hot parts	death bruising pinching eye irritation and/or eye damage burns chronic pain repetitive motion injuries	Medium	Inspect the work area for hazards. Inspect tools, equipment, and materials for damage and other hazards. Inspect required PPE and replace if required. Report any hazards. Adjust the work surface height appropriately for the user. Put on required PPE. Secure loose clothing, and tie back long hair. Use tools and equipment under competent supervision. Work in isolation or behind a barrier to minimize exposure of others to harmful rays when necessary. Follow the manufacturer's instructions. Follow the school safety policy. Put away all tools, equipment, and materials in their proper storage areas. Keep your work area clean as you work and make sure to clean up when you are done. Establish hand-washing practices.	Safety glasses Or face shield Gloves Safety shoes	Annually unless the equipment is modified, tasks performed change or procedure changes.



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Ergonomic: work surface height manual handling of steel lifting repetitive work	bodily injury chronic pain				
Psychological: fatigue stress	possible anxiety inattentiveness poor morale increased illness				
Biological: bacteria/viruses blood body fluids	illness				
			<b>REPORT ANY HAZARDOUS SITUATION IMMEDIATELY!</b> If an emergency occurs while completing any task or the tool or equipment malfunctions, shut off the power immediately, follow the lockout procedure, and get help.		