

JOB HAZARD ANALYSIS

Project: Hand Rolls		Project No.:		Location: Kennewick			
Prepared By: Kamaile Moody/Britney Savage		Date: 9/1/2020		Contract No.:			
Scope/Description: Set up and use of the Hand Rolls							
Emergency Contact Person(s): Tyler Mitchell, Mitch Jasper							
Emergency Radio/Phone No.: 911							
Specific Work Location(s): Kennewick Shop							
KNOWN OR POTENTIAL HAZARDS							
	Yes	No	Apollo Procedures		Yes	No	Apollo Procedures
1. Emergency Response		X	AISH 06	10. Respiratory Protection		X	AISH 32
2. Fall Protection/Walking Surfaces		X	AISH 11	11. Cranes		X	AISH 36
3. Welding/Heating operations		X	AISH 14	12. Overhead Elec. Hazards		X	AISH 37
4. Lock and Tag		X	AISH 15	13. Flushing/Pressure Testing		X	AISH 41
5. Confined Space		X	AISH 16	14. Roof Work		X	
6. Aerial Lifts/Elevating platforms		X	AISH 20	15. Asbestos Reporting		X	
7. Scaffolding		X	AISH 22				
8. Hazardous Materials (IH)		X	AISH 23				
9. Excavation/Trenching/Shoring		X	AISH 26				
Other Hazards	Yes	No	Control Measures				
1. Temperature Extremes		X					
2. Noise	X		Hearing protection				
3. Poor Lighting		X					
4. Animals/Insects		X					
5. Process Chemicals/Steam		X					
6. Dust		X					
7. Flammable/Combustible Materials		X					
8. Ladders		X					
9. Wet/Slippery Floors		X					
10. Uneven Terrain		X					
11. Open Excavations/Trenches		X					
12. Adjacent Water Hazard		X					
13. Vehicle Traffic		X					
14. Heavy Equipment		X					
15. Rigging Operation		X					
16. Manual Lifting		X	Team lift on heavy loads, Proper gloves for sharp material (Cut level 4)				
17. Power Tools		X					
18. Pinch Points	X		Training; Use tool assist as needed when sheet metal rolls over on itself.				
19. Falling Objects		X					
20. Sharp Objects	X		Cut level 4 gloves				
21. Overhead Obstructions		X					
22. Site Control (Signs/Barricades)		X					
23. Remote Work Area		X					
24. Other:	X		Long hair must be pulled up and kept out of the way. No loose clothing or jewelry				
MINIMUM DRESS REQUIREMENTS: Safety Glasses, Proper Footwear, Full Length Pants, Shirt with Sleeves, cut 4 level gloves							

Approvals:


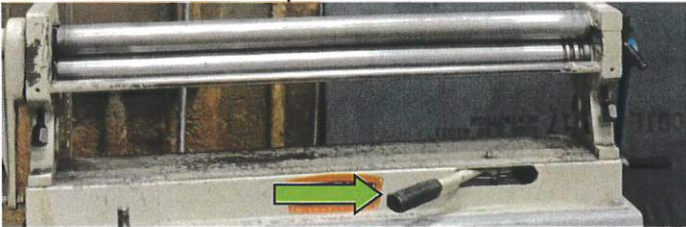

Supervisor: 

Date: 2-23-2021



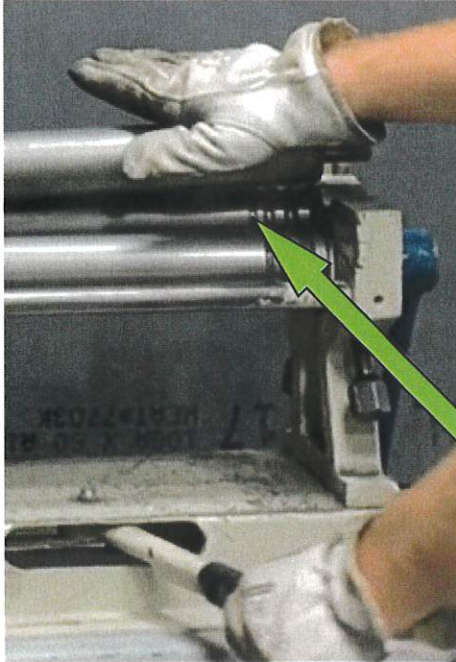
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Activity	Hazard	Control
<p>1. Verify size and weight of material: 22-gauge capacity at 36 inches wide, mild or stainless steel.</p> <p>No Power switch</p>	<p>Material over size or capacity will create pinching hazards</p>	<p>Do not overload machine. Only place 1 piece of metal through at a time.</p>
<p>2. Tighten bottom rolls using the front and back knobs.</p> 	<p>Pinch points</p> <p>Cuts</p>	<p>Watch fingers placement</p> <p>Tight Cut level 4 gloves</p>
<p>3. Place sheet metal piece in between rolls and use the hand crank on the side to roll the material.</p>	<p>Crushing hazard</p> <p>Cuts</p> <p>Pinch points</p>	<p>Be aware of hand and body positioning. Keep hands away from rolls. Tight gloves</p> <p>Tight Cut level 4 gloves</p> <p>Put long hair up and keep secured. No loose clothing or jewelry.</p>
<p>4. Take the rolled sheet metal off the hand rolls by unlocking and opening the top lever on the side of the machine.</p> <p>Pull the horizontal handle on the front of the machine to lift the top roll.</p>  <p>After the top roll lifts up, slide the sheet metal piece off the roll.</p> 	<p>Pinch point</p> <p>Pinch points</p> <p>Cuts</p>	<p>Keep hands and fingers away</p> <p>When lifting roll up do not put hands in between rolls. Do not grab material edges if it goes back around and gets caught in the rolls again.</p> <p>Use two hands to take the material out of the roll. Tight Cut level 4 gloves</p>

JHA CONTINUED

With fingers extended and open palm face down, push the roll down into place. Push the horizontal handle on the front of the machine to clock the roll in place.



Pinch point- keep fingers clear

Crushing Hazard

Keep fingers straight out
Cut level 4 gloves.

Replace the top lever on the side of machine and leave it in a safe configuration.

Equipment to be used	Training required	Inspection requirements
Sheet Metal PPE: tight cut level 4 gloves, safety glasses	Authorized personnel only	Prior to each use