

# JOB SAFETY ANALYSIS

## MARITIME UNDERWATER SOLUTIONS

### USING A SCROLL SAW

TASK	HAZARDS	CONTROLS
1. Level and clean surface before and after cutting	1a. Some materials may splinter. Pieces may stick out of a sloppy cut and injure a worker.	1a-1. Using sandpaper to remove rough patches limits the chances of injuries occurring.
2. Prepare blade for cut	2a. Bent or rusted blades can cause sloppy cuts, or even snap.	2a-1. Visually inspect the blade before testing its tension. 2a-2. Replace worn blades while the machine is unplugged and switched off.
3. Prepare to cut	3a. Objects or people may distract you if they are too close to the saw, which can result in injury	3a-1. Ensure the table is clear of debris 3a-2. Ensure personnel are aware of you using the scroll saw.
4. Cut out the desired shape	4a. Placing your hand too close to the blade will result in injury, 4b. Injury from flying debris.	4a-1. Maintain a safe distance from the blade, wear gloves. 4b-1. Ensure that proper safety glasses are worn during the cut, and to set the guard prior to the cut.
5. Remove the shape	5a. The blade may continue to move after initially switching it off, which can still cause injury.	5a-1. Before touching the piece that was cut, turn off the scroll saw and wait until the blade comes to a stop.
6. Undo the blade	6a. If under tension, the blade may spring forward and injure the user.	6a-1. Ensure that the tension of the saw blade is set to 0 before loosening the screws that hold it in place.
<b>Required Training: Scroll Saw</b>	<b>Required Personal Protective Equipment (PPE) Safety Glasses, Gloves</b>	