

Name: _____

Date: _____

Subteam: _____

CougarTech Training Module Mechanical Safety – Band Saw

Learning Material

Please read and watch the following

Band saw procedure:

1. Put on safety glasses and make sure appropriate attire is being worn.
2. Before turning on the saw, adjust the blade guard to the height of the piece that is going to be cut.
3. Take the piece off the saw table and turn on the saw.
4. Put the piece on the saw table and slowly move it so that the line to be cut is in line with the blade.
5. Securely and slowly move the piece so that the blade is cutting through the material.
6. Make sure your hands always stay 6 inches away from the blade and use a pusher if necessary.
7. After cutting all the way through the piece, turn off the saw.
8. Before you leave the saw, make sure that the blade comes to a complete stop by using the break.
9. The piece that was cut may be hot, so be careful when picking it up.

Be sure to stand so that you are facing the sharp edge of the blade, not the flat side in case the band breaks. If it does break, it will snap perpendicular to the saw direction. Team 2228's band saw can cut aluminum and wood.



Watch the following instructional video:
http://www.youtube.com/watch?v=RcWk7_772_w

Material Quiz

Answer the following questions

1. If the piece your cutting requires your hand to be closer than 6 inches to the blade, how do you avoid this?

2. What materials can you cut with the band saw?
3. What should you do after you finish cutting your piece?
4. What personal protective equipment should you be wearing when using the band saw?

Practice/Assessment

Find a qualified mentor and follow the procedure under observation

Task: Safely demonstrate use of the band saw on a piece of wood.

Mentor name: _____

Signature: _____

Date: _____