# Bandsaw Standard Operating Procedure (SOP)

- Use to cut plastic and wood. Metal must be cut in the CEE shop.
- Pipes larger than 1" in diameter must be clamped to the miter guide to prevent rotation while cutting
- If you need a square cut and the stock you are cutting is too long you can use the hackzall to make a rough cut and then do a more precise cut with the bandsaw
- Select which type of cut you are making
  - Uniform width
    - Use the fence to cut pieces with uniform widths when possible
  - Angled or square cut
    - Use the miter guide for angled and square cuts when possible
  - Curves
    - If cutting a curve use the minimum radius guide to ensure that you don't cause the blade to bind or break. A ¼" blade can cut a 1.25" diameter circle.
    - Make relief cuts before cutting long curves so that waste stock falls away as you create the cut.
- **Never** backup the stock with the blade running. If you must back the stock out of the saw turn the saw off and wait for the blade to completely stop before backing up.
- **Never** push a piece of stock with hands in front of the saw blade. Use a push stick. Keep hands at a safe distance on either side of the stock being machined.

Blade Width Inches

Minimum Radius - Inches
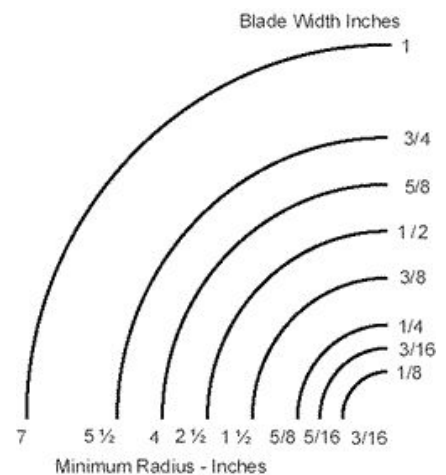
Quick use guide

- Adjust the blade guard assembly to within 1/4 inch of the stock.
- Make sure that the piece to be cut will be stable and is fully supported for the whole cut that you have planned.
- Ask your safety spotter to confirm that you are ready to begin
- Place the yellow key in the power switch and turn the bandsaw on.
- Gently feed the stock into the saw.
- Use a push stick or board to push small or irregular sized stock.
- Turn off the bandsaw
- Return the yellow key to the drawer
- Return clamps to the drawer
- Use a brush or rag to remove all chips from the bandsaw table and stock.