

## Up-Cut/Cut-Off Saw Safety Rules

1. Place a scrap piece of wood (same thickness to be cut) under the hold-down clamp to adjust the clamp. It should be set so the bottom is  $\frac{1}{4}$  to  $\frac{3}{8}$ " above the work piece. Remove the scrap piece as you prepare to make a cut.
2. Tighten the lock-nut on the hold down clamp and clear the work area of any clutter/scrap.
3. Never leave a running "cut-off saw" unattended.
4. The saw blade is started by pushing the green start button.
5. The cut-off saw must have a compressed air source to function properly.
6. The cut-off saw is controlled by a foot switch... the sequence started is:
  - a. the clamp comes down to hold the work piece
  - b. the saw blade rises to cut off the work piece
  - c. the saw blade lowers under the table
  - d. the clamp rises to release the work piece
7. Set up the saw to cut the work piece at the proper measurement and double check it before you start the cutting cycle.
8. Use a "stop-block" clamped to the saw fence to make repetitive cuts.
9. Keep your hands clear of the hold-down clamp and the blade area, only push the foot switch when you are ready to cut.
10. For a square/accurate crosscut, place the work piece under the hold-down clamp and firmly push it against the saw fence as you prepare for a cut.
11. Be extra careful when cutting warped, cracked to split wood.
12. When cutting longer sized board, use the in and out-feed tables to support it.
13. When loading the saw with a long board, get another student's help.
14. Remove any scrap wood from the hold-down clamp or blade area with a stick, never with your hand.
15. Use the saw fence to position and guide the work piece while you set up the saw for a cut.
16. After you have finished cutting, turn off the saw, remove the wood and any scrap pieces.
17. Don't cut boards for another student; nor team-cut. One person runs the saw at a time.
18. If the saw is not functioning properly, get your teacher for help.
19. Do not cut... used wood or wood with nails or screws which will damage the saw blade.
20. The danger zone on the cut-off saw is about 20." This is the distance between the holding-clamp and saw blade guard.
21. Keep your hands away from the holding-clamp. Pinched finger really hurt.
22. Keep the saw table/fence area clear of saw dust to obtain an accurate crosscut.
23. The up-cut saw does not RIP cut, it only crosscuts wood.
24. To reset the RED emergency stop and stop buttons, twist them  $\frac{1}{4}$  turn to the right.
25. The 'cycle air' and 'guard air' switches are not adjusted by students.