Chop Saw Standard Operating Procedure (SOP)

Do not use the saw if there is a part mounted! Ask the PIT crew about the machine status.

Starting the saw:

1. Wear correct PPE: Safety glasses and hearing protection (i.e., ear muffs or ear plugs).
2. Perform a visual inspection of the machine. Make sure all components are set tight. Especially check blade guard for any damage and correct function.
3. **Unplug the saw to prevent accidentally starting it.** Rotating by hand, check the blade for damage or material jammed in the teeth.
4. Report damages or loose parts to the PIT crew immediately, do **not** start the saw. If there is no damage, plug the saw back in.
5. Unlock the chop arm by pulling the locking pin.
6. Set up your work piece, use C-clamps when possible. Demo your operations to check for feasibility.
7. Connect the Shop Vacuum to the vacuum port and turn it on.
8. Make your cuts.

Working with the chop saw:

1. Always double check your set-up in between steps.
2. **Never** leave tools or cut-offs in the chop saw.
3. **There should always be at least 5 inches of clearance between your hands and the blade.**
4. If you need to pause your job, depress the chop arm and lock it and then turn off the vacuum.
5. When resuming your job, check your set-up again.

Shutting down the chop saw:

1. Depress the chop arm and lock it.
2. Clean the saw and store away fixtures. Disconnect and store away the vacuum.
3. Put left over material in the trash or material storage area or take it with you.
4. Sweep the saw area shop floor.
5. Let the PIT crew know when you are done.