



Hand and power tools

Circular saw SOP

Basic operating procedure

- Secure the material to be cut so it can't move. Draw a line to mark the cut. If the off-cut that will be produced is large or heavy, check that it is well supported so it can't fall or pull away and damage the good piece when you finish the cut.
- Check the saw blade for damaged or blunt teeth. Check that the spring-loaded guard is working properly. Adjust the saw to the required depth and angle. If you're using a straightedge to guide the saw, clamp it into position.
- Plug the saw into the power supply. Make sure the power lead is clear of the path of the cut – put it over your shoulder if you think it might get in the way. Position your feet so you're in a comfortable balanced position.
- Rest the front of the base plate on the material to be cut and check that it is sitting flat on the surface. Keep the blade clear of the work.
- Start the saw and allow it to reach full speed before commencing the cut. Push the saw smoothly forward with an even motion. Make sure the saw stays straight – don't twist the blade in the cut.
- Keep the saw straight as you leave the cut and don't release the trigger until the blade is clear of the material. Check that the guard has sprung back into place before placing the saw on the floor.