

# Department of Mechanical Engineering

## Makerspace Safe Operating Procedure

### Belt & Disc Sanders

**CAUTION: DO NOT** use this machine unless a teacher has instructed you in its safe use and operation and has given permission. Safety glasses must always be worn in work areas. Long and loose hair must be contained or restrained. A mask must be worn when excessive airborne dust or toxic vapors are created. Appropriate footwear with substantial uppers must be worn. Rings and jewelry must not be worn near moving machinery components. Close fitting, protective clothing or a workshop apron is encouraged.

All appropriate PPE must be worn. No loose garments are to be worn. Ensure the machine and area are clean and free from obstacles. Ensure all guards and the adjustable table on disc sander are secured and correctly fitted. Use with extraction or appropriate dust mask when necessary. Never attempt an operation if you are unsure of what you are doing. Never use for more than one operation at any one time- belt sanding or disc sanding. Ensure the on – off switch works correctly. Check that the sanding belt & disc are installed correctly. Be sure to use the downward rotation side of the disc. Ensure work is held correctly. Use firm, forward pressure without overloading the machine. When you finish, clean the machine of all debris. Be sure the area is left in clean condition and any waste is removed.

By signing this document, I, \_\_\_\_\_, agree to abide by I agree to use makerspace responsibly in accordance with the rules, policies, and guidelines in this document.

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MEDDL User

Date

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MEDDL Makerspace

Date

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