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| #1 Process  (if applicable) | Sanding of wood, plastics, and soft metals |
| #2 Equipment | Random orbit sander |
| #3 Personal Protective Equipment (PPE) | * Eye protection * Ear protection * Dust mask * Minimum shop PPE |
| #4 Environmental /  Ventilation controls. | * Ensure the equipment is secure so it does not move when in use. * Make sure the sander is hooked up to a vacuum and the vacuum is on. |
| #5 Required training or approval | * Random orbit sander training * Review and observe general safety practices outlined in the MKRSPC MNL. * Refer to the manufacturer’s operating manual for all operating procedures. |
| #6 Inspection requirements before use | * Ensure the disc is not damaged. No missing, loose or frayed parts. * Plan your work to ensure free work piece movement and prevent interference. * Inspect general condition of working area. |
| #7 Safe operating procedures or precautions | * Avoid touching the sanding disc while it is spinning. The edge, in particular, can be sharp. * Allow abrasive to reach speed (when starting) before slowly moving work piece toward disc/belt. * For best results, use smooth and slow motions. * Only use the weight of the machine to apply pressure, no additional force is needed and can result in surfaces with ugly swirl marks. * Use entire abrasive area when sanding to ensure even wear of discs and prevent rounding of edges. * Turn machine off to make any adjustments. Unplug for maintenance (disc changes). * Vacuum up any stray dust when you’re done. * Ensure disc is still in good condition after use. If not throw it away. * If there are any questions regarding safety, ask a staff member for help. |
| #8 Chemicals/ spill procedures/waste disposal | Check the dust collection system and make sure it is properly maintained and dust is removed frequently. |
| Author Signature: Date: | |