

Angle Grinder Operation

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| Facility: | Written By: | Approved By: | Date Created: | Date of Last Revision |
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| Hazards Present: | PPE or Devices Required: | Additional Training Required: |
|------------------------------------|---------------------------------|--------------------------------------|
| Exposed revolving attachment-cuts, | Eye Protection | Lift/Materials Handling Training |
| Abrasion, trauma | Hard Hat | Body Posture Training |
| Electrical Shock | Hearing Protection | Lockout/Tagout Procedure |
| Noise | Safety Footwear | SWP#100 Working Alone |
| Airborne particles | Gloves | SWP #109 Fire Extinguisher Use |
| Hot workpiece | | |
| Sharp Edges | | |

Safe Work Procedure

1. Read and understand the manual that accompanies your angle grinder.
2. Don personal protective equipment before beginning the task. Ensure clothing fits appropriately (tight fitting).
3. Inspect work area. Clear floor of underfoot obstructions. Ensure stability of footing if not working from the floor. Clear the area of flammable liquids, sawdust, or any other combustibles present. Ensure adequate lighting.
4. Unplug the grinder (or remove battery). Inspect its cord (battery), guards, and body for damage, missing parts, or hazards. If repairs are needed, lockout the tool and notify your supervisor. Only qualified personnel are to perform repairs.
5. Inspect attachment (abrasive wheel, diamond blade, wire wheel, etc.) Replace and discard any attachment that is not in serviceable condition.
6. Adjust the guard to direct sparks away from the body.
7. Clamp or fasten work piece securely and keep both hands on the angle grinder. Side handles must be used whenever possible; remove only in the event that poor clearance requires them to be temporarily removed.
8. Plug the grinder in (or install battery) and start the tool. Check attachments for balance and running true.
9. Be aware of burns and fire hazard from sparks.
10. When finished, unplug the grinder from the power source. Clear work area of debris. Ensure spark stream has not left any smoldering combustibles.

If an emergency situation occurs while conducting this task, or there is an equipment malfunction, engage the emergency stop and follow the lock out procedure

REPORT ANY HAZARDOUS SITUATIONS TO YOUR SUPERVISOR

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| <p align="center">Guidance Documents/Standards:</p> <p>MB Workplace Safety & Health Act & Regulations:</p> <p>2.1 Safe work procedures</p> <p>6.13(1) Eye and face protectors</p> <p>6.15(1) Respiratory Protective Equipment</p> <p>6.8 Skin Protection</p> <p>Part 8 Musculoskeletal Injuries</p> <p>Part 9 Working Alone</p> <p>12.4 Hearing Protection</p> <p>16.4 Machine and Tool Safety</p> <p>16.14 Lockout</p> <p>16.22 Grinding Machines</p> <p>16.25(1) Hand or Power Tools</p> | <p>This Safe Work Procedure will be reviewed any time the task, equipment or materials change and at a minimum of every three years</p> |
| | <p>Reviewed By WSH Committee:</p> <p>Date:</p> |