### Required PPE:
- Face Shield
- Hearing protection
- Work Boots
- Gloves
- Flame retardant jacket

### Required/Recommended Trainings:
- Fire Safety
- STF Safety
- Power Tool safety operations

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| Operating a grinder | Lacerations, Struck-By's Fire Burns, Electrocution | • Don PPE before using equipment; including face shield, work boots, gloves, and hearing protection. Use flame retardant clothing when risk of sparks.  
• Never operate near explosive atmospheres, such as around gas, flammable liquids, or dusty areas.  
• For angle grinders with an electrical plug, ensure it is properly grounded using a 3-prong plug and outlet.  
• Always use a proper guard with grinding wheel to prevent sparks and abrasion wheel from being directed at body.  
• Remove adjusting keys and wrenches before starting.  
• To avoid accidental starting, make sure grinder is in "off" position before plugging it in.  
• Have a fire extinguisher in the area in the event of an accidental fire.  
• Before use, inspect abrasion wheel for cracks or defects, to prevent it from coming apart at high speeds.  
• When working on a platform, use vice grips or clamps to secure and support work.  
• Never force the grinder into the work; this can create the tool to break apart while in motion.  
• Do not overreach; keep stable footing and balance at all times.  
• Avoid operating for long periods of time as it can create vibration. |