



ANGLE GRINDER SAFETY

Tool Box Talk



The angle grinder has diverse applications and is a commonly used tool in many industries but often associated with higher injury incidents. With proper controls and operator knowledge, these tools can be used more safely.

General handling

1. Refer to manufacturer's operating instructions prior to use. Clean and maintain tools according to the manufacturer's instructions
2. Use only wheel types that are specified for your power tool and the specific guard designed for the selected wheel
3. Working area should be clean and well lit
4. Keep handles and grasping surfaces clean
5. Inspect tool for damage and check that all controls operate properly. Do not operate the tool when parts are damaged or when controls do not operate properly
6. Stay alert, watch what you are doing and use common sense when operating the grinder. Do not use the tool while you are tired or under the influence of drugs, alcohol or medication
7. Before beginning work, check the working area (e.g. using a metal detector) to ensure that no concealed electric cables or gas and water pipes are present

Operating angle grinder

1. Operators should ensure they have proper PPE
2. Please ensure that angle grinder is being used for its intended purpose
3. Select the correct accessory (i.e. abrasive disc) for the speed of the grinder. Rated speed of accessory should be marked on tool
4. If tool is corded, position cord clear of spinning disc
5. Maintain a firm grip with both hands on the power tool and position your body and arms to allow you to resist kickback forces
6. Never place hands near rotating disc or accessories
7. The guard must be securely attached to the power tool and positioned for maximum safety, so the least amount of wheel is exposed toward the operator



Types of Handles

Side cut-off Switch: These grinders require the user to slide and lock in a switch in order to use tool. Switches are usually on the side of tool.

Paddle Switch: These grinders feature a paddle alongside the grip. When you grip the handle, you also hold down the switch that turns the grinder on. If you lose control of the tool, you will no longer be holding down the paddle switch, and the grinder will turn itself off.

SenseTech: This new technology is touch-activated power-on grip that detects the presence of operator's hand to power on and shut off tool in emergency situations.

