



Abrasive wheel grinders safety checklist

Abrasive wheel grinders are an effective tool in completing various work duties in an industrial setting. If used improperly, serious injury can result to employees using this equipment. The checklist below can be used to evaluate the safety and proper use of this equipment to reduce the likelihood of an employee injury.

SAFETY CHECKLIST	YES	NO	NI*
Are employees trained prior to the use of abrasive wheel grinders?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do employees use proper PPE when operating grinders, i.e. goggles and face shield?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is long hair is secured under a hat, in a pony tail or other method to prevent being caught in the rotating wheel?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is the work rest used and kept adjusted to within 1/8 inch (0.3175 centimeter) of the wheel?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is the adjustable tongue on the top side of the grinder used and kept adjusted to within 1/4 inch (0.6350 centimeters) of the wheel?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do side guards cover the spindle, nut and flange and 75 percent of the wheel diameter?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are bench and pedestal grinders permanently mounted?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is the maximum revolutions per minute (rpm) rating of each abrasive wheel compatible with the rpm rating of the grinder motor?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are fixed or permanently mounted grinders connected to their electrical supply system with metallic conduit or by other permanent wiring method?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does each grinder have an individual on-and-off control switch?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is each electrically operated grinder effectively grounded?			
Are new abrasive wheels visually inspected and ring tested before they are mounted?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are dust collectors and powered exhausts provided on grinders used in operations that produce large amounts of dust?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are splash guards mounted on grinders that use coolant to prevent the coolant from reaching employees?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is cleanliness maintained around grinders?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

*NI = Needs improvement

This form, supplied by United Fire Group, merely provides minimum guidelines for you to follow and may be utilized as a tool for fact-gathering purposes to assist in your investigation. The information requested above is not exhaustive and you should, at your own discretion, request any necessary additional information as the specific situation may warrant.