

## Checklist for Stationary Bench Grinders



### Before Use

- Adjust the work rest to within **1/8 inch** of the wheel.
- Adjust the tongue guard to within **1/4 inch** of the wheel.
- As the wheel wears down, readjust the work rest and tongue guard. When you can no longer adjust the work rest and/or the tongue guard, replace the wheel.
- Inspect the grinder and wheels for obvious defects or damage
- Secure the grinder to work surface.

### During Use

- Wear proper PPE and confined any loose or dangling clothing and hair.
- Do not grind on the side of the wheel
- To avoid burring, loading, and uneven wear on the wheel, use the minimum pressure necessary and keep work in motion evenly across the face of wheel.

### Maintenance

- Unplug the bench grinder before changing the wheel.
- Inspect the new wheel for obvious damage.
- Make sure the grinding wheel revolutions per minute (RPM) are compatible with the grinder. Ensure that the RPM of the grinder does not exceed the maximum RPM of the wheel.
- Make sure the wheel fits correctly onto the spindle.
- Keep the grinder and the area around it clean
- Conduct a “ring test” to ensure that the new wheel is free of cracks and other defects. To “ring test” the wheel, gently tap the wheel with a light, non-metallic object. If the wheel makes a “thud” sound when tapped, the wheel is cracked and must not be used. An undamaged wheel, when tapped, will give a clear metallic tone or “ring.”