

# A Safe Workplace

## A Workplace Safety and Health Manual for Your Community

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Subject: TSE-10	Changing a Grinding Wheel	Approved By: Harvey Bostrom
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**PPE Required:** Safety glasses or face shield, hearing protection, gloves, steel- toe boots

**Warning:** Do not wear loose clothing or rolled up sleeves  
Remove all jewelry  
Always wear eye and ear protection.

**Steps:**

1. Read and understand equipment manual before operating.
2. Use *Lockout Procedure* (section III-C, G-11) if hard wired. Unplug the bench grinder or portable to remove power.
3. Remove the wheel guard screws and the wheel guard.
4. Hold the grinding wheel firmly. Remove the nut and flange.
5. Remove the old wheel and replace it with the new one.
6. Assemble the flange and nut onto the spindle. Tighten the spindle nut just enough to hold the wheel firmly. If the nut is tightened too much, the wheel may be damaged.
7. Attached the wheel guard.
8. Turn the grinder on and let it come up to speed and idle for one minute. Look for any wobble before use.

**NOTE:** Turn the spindle nut on the right-hand side counter clockwise to loosen. Turn the spindle nut on the left-hand side clockwise to loosen.