



# North Carolina Wing Weekly Safety Blast



## 2018 - Topic #18 – Power Tools and Cords

### Reason for this Blast:

**Injuries occur daily with power tools and cords. What can you do to prevent such injuries?**



### Safety Points:

- Inspect tools, power cords, and electrical fittings for damage, prior to each use. Repair or replace damaged equipment.
- Ensure tools are turned off **before** connecting to a power supply.
- Always turn off, **and** disconnect the power supply, **before** making adjustments to tools.
- Make sure tools are either properly grounded or double-insulated.
- Grounded tools must have a three-wire cord with a three-prong plug.
- Do not break off the third (ground) prong on a plug.
- Do not bypass the ON/OFF switch for the tool by connecting and disconnecting the power cord.
- Do not use extension cords as permanent wiring.
- Do not allow vehicles or equipment to pass over unprotected power cords.
- Keep power cords away from heat, water, and oil.
- Do not use light-duty power cords for heavy load applications.
- Do not disconnect the power supply by pulling or jerking the cord/plug out of the outlet.
- Do not tie knots in power cords. Knots can cause short circuits and electric shocks.
- Do not overload the circuit by plugging several power cords into one outlet.

### MAIN DISCUSSION POINT OF THIS SAFETY BLAST

**Are there power tools or cords in use in your area?**

**Are the guidelines above followed?**

**How can you make a difference today in your area?**