

State Leadership & Skills Conference

Skilled and Technical Sciences Contests

Electrical Construction Wiring

NC

Div: College/PS & High School

Code: ECW

QUANTITY	TOOL REQUIREMENTS	Y/N	QUANTITY	PPE REQUIREMENTS	Y/N
1	Tool Box/Bag (Rolling or otherwise)		1	Hard Hat	
1	8" Diagonal cutters (angle OR Straight)		1	Safety Glasses	
1	9" Linesman Pliers		1	Cut Resistant Gloves	
1	Claw Hammer (12oz - 22oz)		1	Safety Toe Boots (SkillsUSA Standard)	
1	8" Needle Nose Pliers		1	Ear Plugs	
2	10" Pump Pliers		1	Shirt (SkillsUSA Standard)	
1	Wire Stripper/Cutter (Plier type)		1	Pants (SkillsUSA Standard)	
1	Magnetic Torpedo Level		NOT SCORED		
1	Tape Measure (Minimum 16')				
1	Electricians/Pocket Knife				
1	Armored Cable/MC Cable Cutter				
1	Tool Pouch w/ Belt				
2	Pencils (mechanical is ok)		1	4' ladder or 6' ladder	
2	Black, Red or Blue Sharpie Marker (Or a mix)		LOT	Bits for drill/impact (#2 phillips, etc...)	
1	Hammer Holder (belt or clip)		Due to size and space needed to transport, only 1 needed per school. Competitors may or may not need, depending on height of individual. Practical was designed with height of installation in mind. Competitors of same school can share this ladder. Competitors of different schools may not share anything. School can bring more if they desire so sharing is at a minimum. When sharing ladders, please be respectful of time and use. Safety is our #1 priority, be safe when moving ladder to and from competitor spaces. If not in use or is no longer needed, please place in designated storage area. No other sharing is allowed.		
1	Ship Auger Bit (1/2" min diameter. 6" max length)				
1	Cordless Drill Driver or Impact Driver				
1	1/2" EMT Bender				
1	12" Hack Saw				
1	Conduit Reaming Screwdriver				
1	#1 Phillips Screwdriver				
1	#2 Phillips Screwdriver				
1	3/16" Cabinet Tip Slotted Screwdriver				
1	1/4" Slotted Screwdriver (Cabinet or Keystone)				
1	Calculator				
1	2023 NEC Code Book				

NOTES:

- * Competitors must wear PPE at all times.
- * No razor blade knives or utility blade knives.
- * Competitor must have each tool listed. Combination tools are allowed, however, they do not cancel out individual tools.
- * Competitors are allowed to use tools not on this list (Example - cordless bandsaw or self leveling laser level)
- * Brand name of tool has no bearing or impact on score.
- * Competitors are NOT allowed to share tools.
- * Dimensions/measurements of tool does not matter unless listed above (example - 10" pump pliers must be 10". #2 Phillips screwdriver can be 4", 6", or other in length.
- * Ship auger bit must fit drill or impact, whichever is brought.
- * Tools must be used for intended purpose (linesman pliers are not hammers). Safety judges will be scoring competitors based on correct use of tool.
- * **Safety is most important during any construction project. Please work safe at all times.**