



**STATE LEADERSHIP & SKILLS CONFERENCE  
APRIL 19 – 21, 2018  
SPRINGFIELD, ILLINOIS**

**TeamWorks Tool List**

All teams must provide their own tools for the competition. These are the tools that you will be allowed to use when competing at state. These tools do not need to be new; but all tools **MUST** be in safe working order!

**Safety Equipment:**

- 4 Hard Hats
- 4 Pair of safety glasses  
(sunglasses or tinted safety glasses not allowed, if the contestant wears prescription glasses they must wear goggles over them or have side shields)

**Power Tools:**

- 1 7¼" circular saw
- 1 reciprocating saw (blades will be furnished)
- 2 Battery drills, each with 2 batteries and one charger, one can be small impact (screw tips will be provided)
- 1 ½' (or smaller) electric drill
- 1 12" combination power miter box (no slide or radial miter boxes)
- 1 ½" angle drill (with this you need to provide hole saws or power feed bits for 1½" – 3" plumbing pipes and paddle bits for copper. Spade bits ranging from ¼ - 1". You will also need a set of twist bits up to ½")
- 1 torch (self-igniting or manual light (supply the ignitor)) with gas

**Hand Tools:** When there are multiples they do not all need to be the same.

- 4 nail aprons or tool belts
- 4 claw hammers
- 4 speed squares, try squares, or combination squares
- 4 25" tape measures
- 4 utility knives and blades
- 2 torpedo levels
- 1 2' level
- 1 4' level
- 1 6' level (a second 4' level may be substituted)
- 1 carpenter's or rafter square:
- 1 pair stair and rafter gauge clamps

- 1 4' tee square
- 3 nail sets (3 sizes 1/32, 2/32, 3/32)
- 3 wood chisels (1/2, 3/4, 1")
- 1 flat bar
- 1 nail puller
- 1 pry bar
- 1 chalk box and chalk
- 2 straight cut aviation snips
- 1 hack saw and blades
- 1 brick set
- 2 10" brick trowel
- 1 convex jointer
- 1 mason's chisel
- 1 utility brush
- 1 dust pan
- 2 wood block line pair
- 1 brick hammer
- 1 6 pc. Screwdriver set
- 1 Diagonal cutting pliers
- 1 lineman pliers
- 1 long nose pliers (needle nose)
- 1 wire stripper
- 1 adjustable wrench
- 1 groove-joint pliers
- 1 slip-joint pliers
- 1 locking pliers
- 2 scratch awl
- 1 hex key set (allen wrenches)
- 1 tubing cutter
- 1 fitting and tube brush for 1/2" copper