**Official Tools and Materials Identification List - Revised 2017**

**Instructions:** Tools/Materials will be numbered 1‑40. The contestant is to write the appropriate number in the space to the left of the tool.

Contestant Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Contestant Number \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_45° pipe elbow

\_\_\_\_\_\_\_\_90° pipe elbow

\_\_\_\_\_\_\_\_90° street elbow

\_\_\_\_\_\_\_\_Abrasive chop saw

\_\_\_\_\_\_\_\_Adjustable wrench

\_\_\_\_\_\_\_\_Allen wrench

\_\_\_\_\_\_\_\_Animal clippers

\_\_\_\_\_\_\_\_Aviation snips

\_\_\_\_\_\_\_\_Ball peen hammer

\_\_\_\_\_\_\_\_Bar clamp

\_\_\_\_\_\_\_\_Bent nose pliers

\_\_\_\_\_\_\_\_Bolt cutters

\_\_\_\_\_\_\_\_Bolt die

\_\_\_\_\_\_\_\_Bolt die stock

\_\_\_\_\_\_\_\_Bolt tap

\_\_\_\_\_\_\_\_Bolt tap wrench

\_\_\_\_\_\_\_\_Brick jointer

\_\_\_\_\_\_\_\_Brick trowel

\_\_\_\_\_\_\_\_Bulb planter

\_\_\_\_\_\_\_\_Butt hinge

\_\_\_\_\_\_\_\_C clamp

\_\_\_\_\_\_\_\_Carriage bolt

\_\_\_\_\_\_\_\_Castrator

\_\_\_\_\_\_\_\_Caulking gun

\_\_\_\_\_\_\_\_Center punch

\_\_\_\_\_\_\_\_Chalk line reel

\_\_\_\_\_\_\_\_Chipping hammer

\_\_\_\_\_\_\_\_Circuit breaker

\_\_\_\_\_\_\_\_Clinometer

\_\_\_\_\_\_\_\_Cold chisel

\_\_\_\_\_\_\_\_Combination oil stone

\_\_\_\_\_\_\_\_Combination square

\_\_\_\_\_\_\_\_Combination wrench

\_\_\_\_\_\_\_\_Common nail

\_\_\_\_\_\_\_\_Compass saw

\_\_\_\_\_\_\_\_Compression tester

\_\_\_\_\_\_\_\_Concrete finishing trowel

\_\_\_\_\_\_\_\_Concrete float

\_\_\_\_\_\_\_\_Concrete screw

\_\_\_\_\_\_\_\_Coping saw

\_\_\_\_\_\_\_\_Cordless drill

\_\_\_\_\_\_\_\_Countersink

\_\_\_\_\_\_\_\_Curry comb

\_\_\_\_\_\_\_\_Cutting torch

\_\_\_\_\_\_\_\_Deep socket

\_\_\_\_\_\_\_\_Dehorner

\_\_\_\_\_\_\_\_Diagonal cutting pliers

\_\_\_\_\_\_\_\_Drift punch

\_\_\_\_\_\_\_\_Drill press vise

\_\_\_\_\_\_\_\_Duplex receptacle

\_\_\_\_\_\_\_\_Ear tagger

\_\_\_\_\_\_\_\_Egg candler

\_\_\_\_\_\_\_\_Electrical multimeter

\_\_\_\_\_\_\_\_End cutting nippers

\_\_\_\_\_\_\_\_Engineer’s hammer

\_\_\_\_\_\_\_\_Expansion shield

\_\_\_\_\_\_\_\_Extension

\_\_\_\_\_\_\_\_Eye bolt

\_\_\_\_\_\_\_\_Face shield

\_\_\_\_\_\_\_\_Fence pliers

\_\_\_\_\_\_\_\_Fence staple

\_\_\_\_\_\_\_\_Finishing nail

\_\_\_\_\_\_\_\_Flaring tool

\_\_\_\_\_\_\_\_Flathead stove bolt

\_\_\_\_\_\_\_\_Flathead wood screw

\_\_\_\_\_\_\_\_Framing square

\_\_\_\_\_\_\_\_Fuse puller

\_\_\_\_\_\_\_\_Garden trowel

\_\_\_\_\_\_\_\_Gate valve

\_\_\_\_\_\_\_\_Glass cutter

\_\_\_\_\_\_\_\_Grafting tool

\_\_\_\_\_\_\_\_Grease gun

\_\_\_\_\_\_\_\_Groove joint pliers

\_\_\_\_\_\_\_\_Ground fault circuit interrupter

\_\_\_\_\_\_\_\_Hacksaw

\_\_\_\_\_\_\_\_Half round file

\_\_\_\_\_\_\_\_Hearing protector

\_\_\_\_\_\_\_\_Hedge shears

\_\_\_\_\_\_\_\_Hinge handle / flex handle

\_\_\_\_\_\_\_\_Hoof knife

\_\_\_\_\_\_\_\_Hose bib

\_\_\_\_\_\_\_\_Implant gun

\_\_\_\_\_\_\_\_Impulse sprinkler

\_\_\_\_\_\_\_\_Increment borer

\_\_\_\_\_\_\_\_Junction box

\_\_\_\_\_\_\_\_Lag screw

\_\_\_\_\_\_\_\_Level

\_\_\_\_\_\_\_\_Line level

\_\_\_\_\_\_\_\_Long nose pliers

\_\_\_\_\_\_\_\_Lopping shears

\_\_\_\_\_\_\_\_Machine bolt

\_\_\_\_\_\_\_\_Machinist's vise

\_\_\_\_\_\_\_\_Mason hammer

\_\_\_\_\_\_\_\_Mason level

\_\_\_\_\_\_\_\_Masonry bit

\_\_\_\_\_\_\_\_Masonry nail

\_\_\_\_\_\_\_\_Micrometer

\_\_\_\_\_\_\_\_Mill file / flat file

\_\_\_\_\_\_\_\_Nail gun

\_\_\_\_\_\_\_\_Nail hammer

\_\_\_\_\_\_\_\_Nail set

\_\_\_\_\_\_\_\_Nut driver

\_\_\_\_\_\_\_\_Obstruction wrench

\_\_\_\_\_\_\_\_Oil filter wrench

\_\_\_\_\_\_\_\_Open end wrench

\_\_\_\_\_\_\_\_Pex coupling

\_\_\_\_\_\_\_\_Pex pinch clamp ring

\_\_\_\_\_\_\_\_Phillips screwdriver

\_\_\_\_\_\_\_\_Pin punch

\_\_\_\_\_\_\_\_Pipe bushing

\_\_\_\_\_\_\_\_Pipe cap

\_\_\_\_\_\_\_\_Pipe coupling

\_\_\_\_\_\_\_\_Pipe nipple

\_\_\_\_\_\_\_\_Pipe plug

\_\_\_\_\_\_\_\_Pipe reducer

\_\_\_\_\_\_\_\_Pipe tee

\_\_\_\_\_\_\_\_Pipe union

\_\_\_\_\_\_\_\_Pipe wrench

\_\_\_\_\_\_\_\_Piston ring compressor

\_\_\_\_\_\_\_\_Planting bar

\_\_\_\_\_\_\_\_Plumb bob

\_\_\_\_\_\_\_\_Pole pruner

\_\_\_\_\_\_\_\_Portable circular saw

\_\_\_\_\_\_\_\_Portable electric drill

\_\_\_\_\_\_\_\_Portable grinder

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Portable hammer drill

\_\_\_\_\_\_\_\_Portable impact wrench

\_\_\_\_\_\_\_\_Portable jig saw

\_\_\_\_\_\_\_\_Portable miter saw

\_\_\_\_\_\_\_\_Portable reciprocating saw/ Sawzall

\_\_\_\_\_\_\_\_Portable rotary tool

\_\_\_\_\_\_\_\_Portable router

\_\_\_\_\_\_\_\_Portable sander

\_\_\_\_\_\_\_\_Pruning saw

\_\_\_\_\_\_\_\_Pruning shears

\_\_\_\_\_\_\_\_Putty knife

\_\_\_\_\_\_\_\_PVC cutter

\_\_\_\_\_\_\_\_Regular socket

\_\_\_\_\_\_\_\_Respirator

\_\_\_\_\_\_\_\_Reversible ratchet

\_\_\_\_\_\_\_\_Roofing nail

\_\_\_\_\_\_\_\_Round file

\_\_\_\_\_\_\_\_Roundhead stove bolt

\_\_\_\_\_\_\_\_Roundhead wood screw

\_\_\_\_\_\_\_\_Rubber mallet

\_\_\_\_\_\_\_\_Safety glasses

\_\_\_\_\_\_\_\_Safety goggles

\_\_\_\_\_\_\_\_Screw extractor

\_\_\_\_\_\_\_\_Sheet metal screw

\_\_\_\_\_\_\_\_Side cutting pliers

\_\_\_\_\_\_\_\_Single pole switch

\_\_\_\_\_\_\_\_Sledge hammer

\_\_\_\_\_\_\_\_Slip joint pliers

\_\_\_\_\_\_\_\_Slotted screwdriver

\_\_\_\_\_\_\_\_Snap ring pliers

\_\_\_\_\_\_\_\_Soil auger

\_\_\_\_\_\_\_\_Soil tube

\_\_\_\_\_\_\_\_Soldering gun

\_\_\_\_\_\_\_\_Solderless wire nut

\_\_\_\_\_\_\_\_Spark plug gauge

\_\_\_\_\_\_\_\_Spark plug socket

\_\_\_\_\_\_\_\_Spark tester

\_\_\_\_\_\_\_\_Speed bore bit

\_\_\_\_\_\_\_\_Speed handle

\_\_\_\_\_\_\_\_Speed square

\_\_\_\_\_\_\_\_Straight shank drill bit

\_\_\_\_\_\_\_\_Strap hinge

\_\_\_\_\_\_\_\_Switch box

\_\_\_\_\_\_\_\_Syringe

\_\_\_\_\_\_\_\_T bevel

\_\_\_\_\_\_\_\_T hinge

\_\_\_\_\_\_\_\_Tape rule

\_\_\_\_\_\_\_\_Thickness gauge

\_\_\_\_\_\_\_\_Three way switch

\_\_\_\_\_\_\_\_Tip cleaners

\_\_\_\_\_\_\_\_Tire chuck

\_\_\_\_\_\_\_\_Tire gauge

\_\_\_\_\_\_\_\_Toggle bolt

\_\_\_\_\_\_\_\_Torch lighter

\_\_\_\_\_\_\_\_Torque wrench

\_\_\_\_\_\_\_\_Torx screwdriver

\_\_\_\_\_\_\_\_Tree diameter tape

\_\_\_\_\_\_\_\_Triangular file

\_\_\_\_\_\_\_\_Try square

\_\_\_\_\_\_\_\_Tube cutter

\_\_\_\_\_\_\_\_Universal joint

\_\_\_\_\_\_\_\_Universal socket

\_\_\_\_\_\_\_\_Valve spring compressor

\_\_\_\_\_\_\_\_Vise grip pliers

\_\_\_\_\_\_\_\_Vise grip welding clamp

\_\_\_\_\_\_\_\_Welding goggles

\_\_\_\_\_\_\_\_Welding gloves

\_\_\_\_\_\_\_\_Welding helmet

\_\_\_\_\_\_\_\_Welding torch

\_\_\_\_\_\_\_\_Wheel puller

\_\_\_\_\_\_\_\_Wire brush

\_\_\_\_\_\_\_\_Wire strippers

\_\_\_\_\_\_\_\_Wood chisel

\_\_\_\_\_\_\_\_Wood mallet

\_\_\_\_\_\_\_\_Wrecking bar