



Carpentry

Career Competition

Career Cluster: Architecture and Construction

State Qualifying Exam: Yes

National Contest: Yes

Participation: Individual

Competition Description

Competitors frame walls using wood and/or metal steel studs; cut and install rafters, gable end overhangs, fascia board. Competitors are judged on accuracy, ability to read and interpret blueprints, workmanship, safety and the proper use of tools and materials.

Tasks To Be Evaluated

All carpentry skills. In the past there has been an emphasis on rough carpentry, but the competition is not limited to just those skills.

Clothing Requirement

National Requirement:

Class C: Competition Specific: Manufacturing/
Construction Khaki Attire

- Official SkillsUSA khaki short-sleeve work shirt
- Khaki pants
- Black, brown, or tan leather work shoes.

State Requirement:

National Requirement OR

- Khaki short-sleeve work shirt
- Work pants of any kind are acceptable dress (no jeans)
- Black, brown, or tan leather work shoes.
- Any embroidered names or school patches must be covered, if applicable.

Additional Information:

Although not required it is encouraged to bring a pair of 12” Bar clamps of securing lumber on sawhorses while cutting.

Provided by Competitor

- Cut-resistant Level 3 gloves
- One 8 pt. crosscut saw (10 or 12 pt. optional)
- Claw hammer
- One set chisels (1/4" to 1")
- Framing square, Stair Gauges
- 16' or longer steel tape measure
- Utility knife with standard blades
- One each - 1 & 2 pt. Phillips & 4" * 8" standard screwdrivers or multi-tip w/ equivalent tip
- Wrecking bar or gooseneck pinch bar
- Coping saw and extra blade
- Cat's paw (nail puller)
- Chalk box and line
- One nail set
- Straight aviation snip or metal-cutting snips
- 24" or 30" spirit level
- Combination wood rasp and file (8")
- Tool and nail pouch with belt/suspenders
- Combination square and/or speed square
- 25' power cord (UL approved grounded)
- Calculator, Two Pencils
- Power circular saw, Corded or Cordless (new carbide-tipped blade)
- Drywall saw
- Corded or Cordless drill/impact with #2 Phillips and T#25 star bit

Provided by Technical Committee

- All lumber and materials, as specified on the job sheet, Job sheets and blueprints for each competitor and judge, All necessary information and furnishings for judges and technical committee.
- Technical Committee will not replace broken driver bits.
- Saw horses