



Iowa SkillsUSA

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Iowa SkillsUSA Sheet Metal General Instructions

Observe safety rules at all times

1. This competition consists of a one-hour written exam followed by a 4.5 hour practical hands-on exam.
2. Hardhat, safety glasses, and leather shoes or boots must be worn at all times during the practical exam. No warnings will be issued, but points will be deducted if you are not wearing them.
3. Competitors will be removed from competition if proper training has not been provided and/or they are using equipment in an unsafe manner.
4. Judges may act as job site superintendents to answer questions and give instructions. **Do not leave the contest area without permission from a judge.**
5. All materials required will be in the work area.
6. All booths will be torn down, materials returned and booth swept after the competition. All competitors will be required to tear down their area.
7. Competitors will be judged on safety and workmanlike conduct as they perform their tasks. Points will be deducted for unsafe work habits. All contestants are required to work in a safe and orderly manner.

Special Notes:

- Only competitors, judges, technical committee members, and support staff are permitted within the work area.
- All questions regarding the contest must be directed to a technical committee member or judge.



SkillsUSA State Contest

“Sheet Metal”

Tool List

Listed below are the **TOOLS** that need to be brought to the competition:

Scale – rule with 1/8”, 1/4”, and ½” scales
Sheet Metal Hammer
Scratch Awl or Scribe
Hand Seamers
36” or 48” Straight Edge
Aviation Snips (left and right)
Large Straight Snips
Notchers
Screwdrivers (Straight and Philips)
Combination Square
Level
Scriber
Dividers
Circumference Rule
Tape Measure
Calculator
1- ¼” Magnetic Holder
1- 5/16” Magnetic Holder

Listed below are the **SAFETY ITEMS** that need to be brought to the competition:

Work Boots
Safety Glasses
Leather Gloves
Hard Hat
Ear Plugs

Listed below is the Equipment that will be provided at the competition:

Pittsburg Machine
Five Foot Brake
Easy Edger