



## Masonry

### ELIGIBILITY

Open to active SkillsUSA members enrolled in programs with masonry or bricklaying as an occupational objective.

### PURPOSE

To evaluate each contestant's preparation for employment and to recognize outstanding students for excellence and professionalism in the field of masonry.

### CLOTHING REQUIREMENTS

Official SkillsUSA khaki work shirt and pants, black or brown leather work shoes, and safety glasses with side shields or goggles. (Prescription glasses can be used only if they are equipped with side shields. If not, they must be covered with goggles.) **You must have safety glasses, leather work shoes or boots, work pants, and a work shirt with nothing descriptive of the school you are representing.**

- Competitors will wear your school uniform/required clothing appropriate to your program. Jeans are acceptable.
- School emblems, name tags, and identifying labels must be removed or covered with tape.
- You must wear safety glasses with a Z87 safety rating logo and footwear where appropriate.
  - Under NO circumstances will sneakers be permitted.
  - Prescription glasses can be used only if they are equipped with side shields. If not, they must be covered with goggles.
- Please refer to the SkillsUSA Technical Standards for protective eyewear and clothing in your specific competition.

*Note:* At the district level if a student is not able to wear the official SkillsUSA attire he/she may wear an outfit that would be acceptable in their specific field of study. *Please keep in mind that official SkillsUSA attire will be required at the state and national level.*

### EQUIPMENT AND MATERIALS SUPPLIED BY HOST

1. Tenders
2. hoses
3. water and buckets
4. mortar plans
5. Wheelbarrows
6. Hoes
7. Shovels
8. type N mortar



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### EQUIPMENT AND MATERIALS SUPPLIED BY CONTESTANT

1. One brick trowel
2. two levels (24 inch and 48 inch)
3. one "S" jointer
4. one brick hammer
5. two 6-foot rules (one modular, one brick spacing)
6. one carrying bag
7. one pencil
8. one flat jointer
9. one framing square
10. dust brush
11. one brick chisel
12. two line pins
13. two line twigs
14. line and line blocks

*NOTE: No student name or sending school logo on any of the tools/equipment.*

### SCOPE OF THE CONTEST - (DEFINED BY THE NATIONAL COMPETITION REGULATIONS)

*(The contest is defined by industry standards as determined by the SkillsUSA State Championship Technical Committee. District Competitions are meant to be a scaled down version of National Competition. It is important for the students to participate in a competition that will reflect a cross-section of the industry skills needed to prepare them for the state and national levels)*

### KNOWLEDGE PERFORMANCE

The contest will include a written knowledge essay assessing mastery of the knowledge of brick and block masonry including, but not limited to: safety, identification and usage of tools, measuring tools, plan reading and masonry estimation. This assessment will be a 25 question multiple choice exam. A list of 50 sample questions from which the test is taken is enclosed.

### SKILL PERFORMANCE

The contest will include a skills performance demonstration that will assess the ability of the contestant to safely construct a composite brick and block project with shop mortar. Contestants will construct one of the masonry projects included in this packet according to project specification and drawings, within an allotted period of time.

#### **Please note:**

- **Part of this contest may change on the day of the competition due to unforeseen circumstances. If circumstances arise, they will be handled fairly and the same for all competitors.**



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## Masonry Scoring Sheet

ITEM NAME	Possible Points	Contestant Points
Plumb	100	
Level	100	
Square and Range	100	
Measurements	100	
Correct Design	100	
Manipulation	100	
Tooling and Neatness	100	
Production	100	
Written Exam	100	
Sub-Total	1000	



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	Subtotal	
Safety	(Deduction)	-10
Clothing Penalty	(Deduction)	-5
No resume	(Deduction)	-10
	Total	

*Note: No cell phones or other electronic devices may be used at any time during a competition; this includes using a calculator function on a cell phone for competitions in which calculators are permitted.*

*Note: Scorecards should only be used as guidance. Changes may occur.*

**NOTE: The chairperson will supply all competitors with drawings, a sample scorecard and 50 sample questions prior to the competition. However, the District Website does not properly format photos. Therefore, please email [cprindle@westerncenter.org](mailto:cprindle@westerncenter.org) and they will be emailed to you in a timely manner.**