

BUILDING REPAIR TECHNOLOGY

(Missouri only Contest)

First, refer to General Regulations.

Purpose: To evaluate each contestant's preparation for employment and to recognize outstanding students for excellence and professionalism in the field of building repair and maintenance.

Clothing Requirements

Proper work pants, work shirt, 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.)

Eligibility: Open to active SkillsUSA members enrolled in programs with building maintenance as the occupational objective.

Safety Requirement

Both the instructor and the contestant certify by agreeing to enter this contest that the contestant has received instructions and has satisfactorily passed an examination on the safe use of the tools that are to be used in the contest. Contestants will be removed from the competition if they are using the equipment in an unsafe manner.

Equipment And Material:

1. Supplied by the technical committee:

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| a. Plumbing supplies | d. Building materials |
| b. Electrical fixtures and wire | e. Electrical supplies |
| c. Window & glass | |

2. Supplied by contestant:

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| a. Electrician's pliers | h. Screw driver set (Phillips and Straight) |
| b. Needle nose pliers | i. Channel lock pliers |
| c. Wire strippers | j. Cutting knife |
| d. Measuring tape or folding rule | k. Hand glass cutter |
| e. Tubing cutter | l. Copper flaring tool |
| f. 10" adjustable wrench | m. Romax stripper |
| g. Sharpened Pencils or ball point pens | n. Safety glasses |

Scope of the Contest:

- Contestants will demonstrate their ability to perform tasks selected from the following list of competencies as determined by the Missouri SkillsUSA Championships Technical Committee which may include, but not limited to the following areas as they pertain to the field of building maintenance:

a. Glass repair or replacement	e. Exterior & Interior Finishing
b. Plumbing	f. Electrical
c. Environmental Control Systems	g. Grounds care and maintenance
d. Interior & Exterior Carpentry	h. Concrete & Masonry
- Each contestant must be scored from 5 to 25 points on the manual skills examination. There will be no zeros. Each Contestant must be scored in all categories. To have 25 points in speed, a contestant must have the fastest time in a particular task.
- All wiring must be done in accordance with "The National Electrical Code".
- When a contestant finishes electrical tasks and the judges have checked the work, they will disconnect all wiring including the removal of switches and porcelain ceiling fixtures.
- Written Test: Each question must have 100% correct answer or no credit will be given. No score will be given for partial answer.
- Time limits will be established on the contest technical sheets.

Note: No national competition is available for this event.

