

## 2022-23 New Jersey SkillsUSA Championships

### NJ State Only Contest

#### BASIC MASONRY

This event is a "NJ only" state sponsored contest.  
-There is no national level competition in this area.

#### PURPOSE

To evaluate each contestant's preparation for employment and to recognize outstanding students for excellence and professionalism with regard to basic masonry skills.

#### CLOTHING REQUIREMENTS

Any color matching work pants and work shirt, leather work shoes/boots, safety glasses, hardhat.

#### ELIGIBILITY

Open to all active members whose name appears on a current membership roster of a New Jersey SkillsUSA Chapter. Students must also be enrolled in vocational programs with entry-level job skills as the occupational objective. Verification that each student is classified under the provisions of New Jersey Administrative Code is required.

#### EQUIPMENT & MATERIALS

Supplied by the Tech Committee

Bricks, pre-mixed cement and mortar pans

Supplied by the contestant:

- 1 trowel
- 1 brick hammer
- 1 pencil
- 2 levels (1 long & 1 short)
- 2 6 foot folding rules (1 modular & 1 standard)
- 1 square
- 1 "s" jointer
- 1 carrying bag
- 1 brush
- 1 brick chisel

#### SCOPE OF THE CONTEST

This year's masonry and basic masonry competition project will consist of a 1' 4" x 1' 4" x 10 course high brick pier. (see Drawing)

Contestants will demonstrate their ability to perform jobs and skills selected from the following list of competencies as determined by the technical committee:

#### *Basic Skills*

- Know and understand masonry techniques
- Choose proper tools and materials
- Lay-up masonry products in an accurate and professional manner
- Clean-up work areas properly and thoroughly

#### *General Safety*

- Keep work area neat and organized
- Wear proper safety equipment and clothing
- Demonstrate appropriate safety precautions when performing all tasks

#### *Measuring Tools*

- Use and maintain both a modular and a spacing ruler
- Layout a wall in preparation for building a block corner
- Build a block corner to a specified height and length

**EVALUATION CRITERIA:**

*Items Evaluated Points*

• Appearance of the contestant	10
• Manipulation of Tools	10
• Layout: uniformity of vertical joints square overall dimensions	10
• Heights (uniformity of horizontal joints)	10
• Level (throughout the project)	10
• Plumb (all around)	15
• Neatness: fullness of joints tooling clean-up	15
• Production (was the production completed)	10
• Clothing requirement	10
<b>TOTAL POSSIBLE</b>	<b>100</b>

**Contest Coordinator:**

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Masonry Contest Coordinator

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