

# BASIC MASONRY CONTEST GUIDELINES

May 7, 2005

## **PURPOSE**

To evaluate each contestant's preparation for employment and to recognize outstanding students for excellence and professionalism with regard to basic masonry skills. **NOTE:** This event is a "NJ only" state sponsored contest- there is no national level competition in this area.

## **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 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**

1. 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

### Blueprint Reading

- Read basic drawings & sketches
- Understand the information contained in them
- Know the meanings of basic architectural symbols & abbreviations

### Block Laying: Straight Block Wall

- Spread bedjoints and throw on full headjoints for block units
- Lay block units to a line

### Block Laying: Block Corner

- Layout a wall in preparation for building a block corner
- Build a block corner to a specified height and length

