

## Welding Sculpture (Demonstration Contest)

### Purpose

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

### Clothing Requirements

For men: Official SkillsUSA white polo shirt with black dress slacks, black socks and black leather shoes.

For women: Official SkillsUSA white polo shirt with black dress slacks or skirt, black socks or black or skin-tone seamless hose and black leather shoes.

These regulations refer to clothing items that are pictured and described at: [www.skillsusastore.org](http://www.skillsusastore.org). If you have questions about clothing or other logo items, call 800-401-1560 or 703-956-3723.

**Note:** Contestants must wear their official contest clothing to the contest orientation meeting.

### Eligibility:

Open to active SkillsUSA members enrolled in career and technical programs with Welding or Metal Trades as the occupational objectives.

### Equipment and Materials:

Supplied by the Technical Committee:

- All necessary information for the judges and technical committee.
- One 4-foot table

Supplied by the contestant:

- All competitors must create a one-page résumé using a word processor and submit the résumé electronically at: [www.skillsusa.org/compete/updates.shtml](http://www.skillsusa.org/compete/updates.shtml). Check the Website for further instruction.
- Student designed and produced sculpture

### Scope of the Contest

The contest consists of two parts:

1. Evaluation of the Sculpture
2. Oral presentation and questions and answers session. All contestants will be asked the same questions, determined by the judges, before the start of the contest

### Knowledge Performance

There will be no skill-related written test.

### Skill Performance

The contest is designed to assess the ability of the competitor to design and produce a sculpture of

that design, as well as give a presentation regarding all aspects of his or her creation of the design.

### Contest Guidelines

Sculpture Design and Workmanship: Materials used must be ferrous or non-ferrous metals. The sculpture must be an original and creative work of the student.

Sculptures may be welded, brazed, or soldered, depending on the material used.

Projects are to be left unpainted, including primers and other coatings.

All copyright laws must be followed in the creation of the design.

The sculpture must be one continual piece, not multiple pieces unconnected.

The sculpture cannot exceed the maximum size of 18" tall x 12" wide x 18" long and cannot exceed a weight of 250 lbs.

**Notebook** – A notebook must be placed with the sculpture prior to judging. It must contain pictures and supporting evidence (i.e. receipts). It must include a brief description of the project and processes used to develop the sculpture. The first page of the notebook must include a letter certifying that the sculpture was designed and constructed by the student. The letter must contain an itemized list of all expenses. The letter must identify the school, city, state and local advisor. The letter must identify the student to be

interviewed, division (high school or post-secondary), and the letter must be signed by the local administrator.

**Presentation** – The student will participate in a 3 to 5 minute presentation. Elements of the presentation should include: 1. General information (Individual's name, school, and title of project). 2. Discuss elements of the notebook. 3. Inspiration for project design. 4. Details of processes and workmanship in the sculpture.

**Question and Answer Session** – After each presentation the individual will be asked questions from the judges. Questions will be about the sculpture, presentation, materials, processes and workmanship.

### CONTEST SCORECARD

Items Evaluated/Maximum Points

Sculpture:	
Workmanship	200
Design	200

Notebook:	
Verification letter	50
Photos	50
Receipts for materials	50
Drawings drafts and finals	100
Other supporting documents	75

Presentation:	
Verbal techniques and poise	75
Introduction and Closing	75
Self confidence	75

Q & A:	50
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Adherence to guidelines	0 to -50
Résumé penalty	0 or -50 only
Clothing penalty	0 to -50
Time penalty (-3 or +5)	-25 per 30 sec.
Total	1000