



Welding Sculpture

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.

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:

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

Supplied by the contestant:

1. All competitors must create a one-page résumé using a word processor and submit the résumé electronically at: www.skillsusa.org/compete /updates.shtml
Check the Website for further instruction.

2. 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.

Welding Sculpture Scorecard

Items Evaluated	Possible Points	Contestant Number						
		1	2	3	4	5	6	7
Sculpture								
Workmanship	200							
Design	200							
Notebook								
Verification Letter	50							
Photo's	50							
Receipts for Materials	50							
Drawings drafts & finals	100							
Other supporting documents	75							
Presentation								
Verbal technique & poise	75							
Introduction & closing	75							
Self Confidence	75							
Q & A	50							
Résumé Penalty	0 or -50 only							
Clothing Penalty	0 to -50							
Total Possible Points	1,000							