

APPENDIX I—SkillsUSA Welding Requirements

WELDING

Purpose

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

First, refer to General Regulations.

Clothing Requirement

Official SkillsUSA khaki work shirt and pants, and black or brown leather work shoes should be worn. Safety glasses with side shields or goggles are required. (Prescription glasses can be used only if they are equipped with side shields. If not, they must be covered with goggles.) To purchase official work clothes, contact Midwest Trophy Manufacturing Co. Inc. by calling 1-800-324-5996 or order online at:

<http://www.mtmrecognition.com/skillsusa>.

Eligibility

Open to active SkillsUSA members enrolled in programs with welding as the occupational objective.

Equipment and Materials

1. Supplied by the Contest Committee:
 - a. All necessary welding equipment and materials.
 - b. All instructions and procedure sheets with drawings.
 - c. All necessary information and furnishings for judges and the technical committee.
2. Supplied by the contestant:
 - a. Hearing and/or ear protection.
 - b. Welding helmet with appropriate filter plate/lens and protective cover plate/lens in a flip or slide front. Auto darkening shields are permissible.
 - c. Welding helmet with appropriate filter plate/lens and protective cover plate/lens in a flip or slide front for OFC, PAC. Auto darkening shields are permissible.
 - d. Spare spatter and filter lenses/plates for arc welding, helmet, and oxyacetylene goggles.
 - e. Pocket calculator.
 - f. Lead pencil and/or ballpoint pen.
 - g. Soap stone with holder.
 - h. Scribe with magnet.
 - i. Combination square set.
 - j. 10-foot (3.1 meters) steel tape measure.
 - k. Fillet weld gauge.
 - l. 16-ounce (0.45 kilogram) ball peen hammer.
 - m. Center punch.
 - n. 10-inch (254 millimeters) vise grips.
 - o. 6-inch (152 millimeters) side cutting pliers or diagonal cutting pliers.
 - p. 6-inch (152 millimeters) needle nose pliers.
 - q. Chipping hammer with or without wire brush.
 - r. Stainless steel wire brush.

Specific Rules for Contest Participants

1. Contestants must correctly use the welding equipment during the contest. The contest chairman and contest coordinator may stop a contestant at any section of the contest if they deem a contestant's manner to be hazardous to either themselves or others. Such stoppage shall disqualify the participant for that section of the contest. If the contestant is warned a second time, he or she will be disqualified as a contest participant.
2. Contestants will be assigned a contest number for use during the welding contest. The contestants will be known to the contest judges by their assigned number only.
3. While the contest is in progress, there shall be no communication between the contestants or between the contestants and anyone else,