



	February 1, 2025		8 a.m.
Date	SNOW DATE: February 8, 2025	Orientation Time	(CLOSED to instructors)
Location	Hobart Institute of Welding Technology 400 Trade Square East Troy, OH 45373	Contest Time	Immediately following orientation (CLOSED contest)
Scope of Contest	 The skill performance assessment project(s), stainless steel project metals. Competitors will be involued aspects of welding. Competitors must correctly us competition. The contest coor any section of the competition hazardous to either themselve documented as a warning. If the she may be disqualified for the As soon as the competitors end shall occur between the compelse, except as directed by the communication may result in section of the completed provide and/or destructive tests may. Welding and cutting instructions and network welding booths and network welding booths and network welding equipment used in the of manufacturers and may interest coordinator. Nondest complete the project evaluation is to be approximately located with the section of the completed of the project evaluation of the project evaluation of the section of the section of the section of the section of the completed of the section of th	(s) in various positions lived in a series of stati- se the welding equipm rdinator or any judge n if they deem a comp- res or others. Such a st the competitor is warr hat section of the comp- nter the competition a petitors or between the contest coordinator the competitor being d during the competition project will be judged be used to complete t ons will be provided to cedure Specifications (ar cutting stations. he competition may be clude transformers, re- ton the Welding Proced Ily using a scoring syst tructive and/or destru- ton. be +/- 1/16" unless others on are given to orient	s using a variety of filler ions testing various hent during the may stop a competitor at betitor's manner to be oppage shall be hed a second time, he or betition. Irea, no communication the competitors and anyone or judges. Any such disqualified from that on orientation. Visually. Nondestructive he project evaluation. the competitors and WPS) and prints provided the obtained from a variety ctifiers and/or inverters. The Specification (WPS) the mas established by the ctive tests may be used to herwise noted. any project part, the part
Testing	No		
Eligibility	1 contestant for every 50 paid m	nembers enrolled in pr	ogram
Clothing	Clothing Classification Guide: CL		
Provided by	Professional Resume – Typed Hardcopy		
Contestant	Emergency Medical Form (Conte	estants must have this	to compete)

	Leather welding jacket			
	Fireproof face mask			
	Hearing and/or ear protection			
	Welding helmet with appropriate filter plate/lens and protective cover			
	plate/lens in a flip or slide front. Auto darkening shields are permissible			
	Spare spatter and filter lenses/plates for arc welding helmet and oxyacetylene			
	goggles			
	Pocket calculator			
	Lead pencil and/or ballpoint pen			
	Soap stone with holder			
	Scribe with magnet			
	Combination square set			
	10-foot (3.1 meters) steel tape measure			
	Fillet weld gauge			
	16-ounce (.45 kilogram) ball peen hammer			
	Center punch			
	10-inch (254 millimeters) vise grips			
	6-inch (152 millimeters) side cutting pliers or diagonal cutting pliers			
	6-inch (152 millimeters) needle nose pliers			
	Chipping hammer with or without wire brush			
	Stainless steel wire brush			
Contest	Contest Skilled Performance	Aligned ODEW Manufacturing Career Field		
Standards	Standards	Technical Content Standard Outcomes		
	WF 3.0 – Read and interpret	Outcome 6.1 Measurement and		
	WF 3.0 – Read and interpret blueprints	Outcome 6.1 Measurement and Interpretation		
	blueprints	Interpretation		
	blueprints W 4.0 - Produce welds using a			
	blueprints W 4.0 - Produce welds using a Shielded Metal Arc Welding	Interpretation Outcome 4.3 Arc Welding Process		
	blueprints W 4.0 - Produce welds using a Shielded Metal Arc Welding (SMAW) process to AWS QC10	Interpretation		
	blueprints W 4.0 - Produce welds using a Shielded Metal Arc Welding	Interpretation Outcome 4.3 Arc Welding Process Outcome 4.6 Cutting Processes		
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