

2024 Structural Welding Competition

FACT SHEET

Project Manager

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For questions related specifically to the structural welding competition, contact Chris M. Weber at (504) 458-2306 or chrisweber@abcbayou.com. For all event questions, contact Jarrell Jackson, National Craft Championships director, at (202) 595-1789 or jackson@abc.org.

Specific Competition Eligibility

The structural welding practical performance test includes one welding process: SMAW. Welders may not be certified in the structural welding processes used in the structural welding practical performance test longer than six months from the date of the National Craft Championships. Also refer to overall eligibility requirements listed in the guidebook.

Online Exam

The online exam must be completed before competitors arrive on site, at a local NCCER Accredited Training Sponsor or Assessment Center. Accommodations will be made for extreme circumstances with prior approval of the NCC director. All competitors must sit for the online exam or face disqualification from the NCC. The online exam continues to make up 25% of one's overall competition score. It is the responsibility of the sponsor organization to schedule test sessions directly with NCCER. Test registration and guidelines will be available in January 2024.

Practical Performance Test Description

Each competitor will perform tasks utilizing knowledge and skills applicable to structural welding, torch setup and breakdown, oxy-fuel cutting, weldment assembly and reading detail drawings.

Welding Task: Structural Welding

Each competitor will be issued coupons for this portion of the test. The task will be judged in the 3G—all uphill progression—and 4G position using 3/8-inch thick plates with E-6010 electrodes for the root pass and E-7018 for the filler and 2-stringer cap. The AWS—QC7-93 will be used for judging the structural welding practical performance test. The judges will inform the competitors regarding the

ABC National Craft Championships Structural Welding Sample Score Sheet

Judging Criteria	Competitor Identification Numbers
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Maximum