Shielded Metal Arc Welding (SMAW) Examination

Credential Source Contact information

Source Company Name: American Welding Society  
Contact: John W. Courtney Jr., certified welding inspector  
Phone: 804-436-4933  
Email: jcourtney@rappahannock.edu  
Website: aws.org

Credential Contractor

Credential Contractor: Same as source  
Contact: Same as source  
Phone: Same as source  
Email: Same as source

Test Administration

Test Site

- Testing facility

Can the instructor take this test?: Yes

Number of Test Items: 1

Time allowed (minutes): Untimed

Passing score (percent): Pass/Fail

Cost Per Test: $35

Additional information:

- https://www.aws.org/certification/page/certified-welder-program
- This is a performance-based test where students must perform a weld within specific parameters and be inspected by a certified welding instructor by the AWS

Possible Preparatory Courses

Agricultural Fabrication and Emerging Technologies (8019/36 weeks)

Motorsports Technology I (8509/36 weeks, 140 hours)

Motorsports Technology II (8510/36 weeks, 280 hours)

Welding I (8672/36 weeks, 140 hours)

Welding II (8673/36 weeks, 280 hours)

Welding III (8674/36 weeks, 280 hours)

Accommodations: Students with Disabilities

Timing

Multiple test sessions .................................................................Yes

Time of day ......................................................................................Yes

Order of tasks ..................................................................................Yes
Planned breaks during test ................................................................. Yes

Setting

Test location .................................................................................. No
Adaptive or special furniture ......................................................... Yes
Special lighting ................................................................................ Yes

Presentation

Written directions accompanying oral directions ......................... Yes
Specific verbal prompts .................................................................. Yes
Visual aids .................................................................................... Yes
Amplification equipment .................................................................. No
Headphones, earmuffs, or earplugs ................................................ Yes
Large-print test ................................................................................ Yes
Braille test ....................................................................................... No
Read-aloud test ................................................................................ Yes
Audio test ....................................................................................... No
Interpreting/translating testing directions .................................... Yes
Interpreting/translating the test ...................................................... Yes

Response

Enlarged copy of the answer document .......................................... No
Communication board or choice cards .......................................... No
Examiner records responses ......................................................... No
Brailer .............................................................................................. No
Word processor or word processor with speech-to-text ................ Yes
Augmentative communication device ......................................... Yes
Word prediction software .............................................................. Yes
Spelling aids ................................................................................ Yes
English dictionary ......................................................................... Yes
Dictation using a recording device ............................................... Yes
Dictation to a scribe ....................................................................... Yes
Read back student response ......................................................... Yes
Calculator and arithmetic tools ..................................................... Yes
Calculator with additional functions ............................................ Yes
Math aids ...................................................................................... Yes
Dry erase board ............................................................................ Yes
- Additional writing implements: Yes

**Accommodations: English Learners**

- Audio test: No
- Bilingual dictionary: Yes
- Dictation to scribe: No
- English dictionary: Yes
- Examiner records responses: No
- Flexible schedule: Yes
- Multiple test sessions: Yes
- Read-aloud test: Yes
- Test directions delivery: Yes
- Visual aids: Yes