

2023 Technical Skills Evaluation

To Potential Employers: This document reflects a fair and thoughtful evaluation of the student listed below. We believe these skills are essential for employment in this specific industry area, and I evaluate each student upon completion of the two-year program at Whitewater Career Center.

Student:

Program: Welding Technology

YES NO	Achieved AWS Entry level S.E.N.S.E. welder certification.
Certified Processes:	SMAW _____ GMAW _____ FCAW _____ GTAW _____
Shielded Metal Arc Welding	
AWS SENSE performance test passed: Horizontal _____ Vertical _____	
5 4 3 2 1	Student performs fillet/groove welds in the horizontal position.
5 4 3 2 1	Student performs fillet/groove welds in the vertical position.
5 4 3 2 1	Performs safety inspection and makes minor external repairs of equipment.
Gas Metal Arc Welding (Short Circuit and Spray Transfer)	
AWS SENSE performance test passed: Short Circuit _____ Spray _____	
5 4 3 2 1	Student performs fillet/groove welds in the horizontal position.
5 4 3 2 1	Student performs fillet/groove welds in the vertical position.
5 4 3 2 1	Student performs fillet/groove welds in the overhead position.
5 4 3 2 1	Student performs safety inspection and makes minor external repairs of equipment.
Flux Core Arc Welding (Gas Shielded and Self Shielded)	
AWS SENSE performance test passed: Gas Shielded _____ Self Shielded _____	
5 4 3 2 1	Student performs fillet/groove welds in the horizontal position.
5 4 3 2 1	Student performs fillet/groove welds in the vertical position.
5 4 3 2 1	Student performs fillet / groove welds in the overhead position.
5 4 3 2 1	Student performs safety inspection and makes minor external repairs of equipment.
Gas Tungsten Arc Welding	
AWS SENSE performance test passed: Steel _____ Stainless steel _____ Alum _____	
5 4 3 2 1	Student performs fillet/groove welds in the horizontal position on steel material.
5 4 3 2 1	Student performs fillet/groove welds in the vertical position on steel material.
5 4 3 2 1	Student performs fillet/groove welds in the overhead position on steel material.
5 4 3 2 1	Student performs fillet/groove welds in the horizontal position on stainless steel material.
5 4 3 2 1	Student performs fillet/groove welds in the vertical position on stainless steel material.
5 4 3 2 1	Student performs fillet welds in the horizontal position on aluminum material.
5 4 3 2 1	Student performs groove welds in the flat position on aluminum material.
Oxyacetylene and Plasma Cutting Operations	
5 4 3 2 1	Student performs setup and shutdown of oxyfuel equipment: Manual _____ Machine _____
5 4 3 2 1	Student performs setup and shutdown of plasma equipment: Manual _____ Machine _____
5 4 3 2 1	Student performs oxyfuel and plasma cuts following a line.
5 4 3 2 1	Student performs safety inspections and makes minor external repairs of equipment.
Measurement, Blueprint Reading and Fabrication	
5 4 3 2 1	Student reads and understands basic measurements on a ruler (Standard and Metric).
5 4 3 2 1	Student reads a blueprint and works from that print to complete a project.
5 4 3 2 1	Student reads and understands standard AWS welding symbols.
5 4 3 2 1	Student has ability to apply measurement and blueprint skills to fabricate projects.

Evaluation Rating Scale: 5 = Proficient, 4 = Capable, 3 = Limited, 2 = Not Proficient, 1 = Training Not Received

Philip Bedel, Instructor

Date

For more information, contact:

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