

Assessment Impact by Assessment Methods
 Seward County Community College/Area Tech School
 Program - Welding Technology

Direct

Program - Welding Technology

OSHA 10 test. AWS principal test.

Outcome: Work safely - Trainees will be able to work safely by assessing hazards and using best practices to avoid exposing themselves of others to risk of injury, and avoiding damage to equipment.

Benchmark: 100% of trainee?s pass OSHA 10 with a score of 80%. 100% of trainees achieve perfect scores on written AWS Safety Test.

Schedule: 8/17/2010

Results			
Result	Action	Follow-Up	Action Status
05/24/2011 - 21 out of 21 Result Type: Benchmark Met			Action Complete

AWS written Inspection Test and Instructor mentoring involving code practices, destructive bend testing, visual contour acceptance profiles, corrective procedures for solving problems using trainees welds and samples provided for individual and class discussion. Qualification of cutting, prepping and welding - welds to AWS D 1.1 standards.

Outcome: Welding problems - Trainees will be able to solve weld problems, welded joint design, match correct filler metal to base metal using the AWS D1.1 and related reference materials included in the trainee Weld book and Weld library in class room.

Benchmark: 100% of trainees pass AWS Inspection test at an 80%or better. 100% of trainees will subject their welds to inspection.

Schedule: 08/17/2010

Results			
Result	Action	Follow-Up	Action Status
05/24/2011 - 21 out of 21 Result Type: Benchmark Met			Action Complete

Using spark testing, common characteristics of materials, with mentoring on the process of filling out Procedure Qualification Requirements section of the AWS PQR form, the Trainees personal welds will qualify resulting in the Certification of the trainees welds.

Outcome: Base metals - Trainees will be able to select base metals, identify groupings of metals according to the characteristics and properties, develop and test weld procedures in accordance to AWS D1.1 standards.

Benchmark: 100% of the Trainees will fill out Procedure Qualification Requirements for two welds made with separate processes to be subject of the D1.1 AWS Code requirements.

Schedule: 08/17/2010

Results			
Result	Action	Follow-Up	Action Status
05/24/2011 - 17 out of 21 Result Type:			No Action

Results			
Result	Action	Follow-Up	Action Status
Inconclusive			

**Certificate A ---3 position qualification- 1F, 2F and 3G. Kansas WorkReady! Silver Certificate.
Certificate B or C ---Certificate A plus 1 additional position qualification (AWS). SENSE exam level 1 (AWS).
Welding proficiency equal to or exceeding (AWS) standard D1.1 on 3/8 thick carbon steel plate.**

Outcome: Employability skills - Welding trainees will demonstrate entry level employability skills by completing Certificate C of the Welding Program alignment

Benchmark: 100% of all full time trainees completing two semesters advancing to C Certificate by fulfilling a benchmark score of 80% or greater on the AWS SENSE Level 1 tests and qualifying with 2 processes. 1. 3 pass Fillet welds all position. 2. Qualification D1.1 3/8 plate with pass on destructive tests.

Schedule: 08/17/2010

Results			
Result	Action	Follow-Up	Action Status
05/24/2011 - 14 out of 21			No Action Required
Result Type: Inconclusive			

Rubric, sketches and drawings, verbal communication of choices and sources of information cited.

Outcome: Critical Thinking - Trainee's will be able to draw, communicate, and assess the assembly of their own project. Including process, filler metal choices and job costing.

Benchmark: 100% of trainee's achieve 3 or greater rating in each category of the SCCC/ATS critical thinking rubric.

Results			
Result	Action	Follow-Up	Action Status
No Results reported.			

Indirect

No Assessment Tools reported for this Assessment Method Category

No Assessment Method Category specified.

No Assessment Tools reported for this Assessment Method Category