Welding Technician - Advanced
Test Number: 597
CTE Skill Certificate Test Performance Documentation

This document must be submitted to the test coordinator at the end of testing each trimester/semester.

Instructor's Name: _____ Course: Welding Technician - Advanced
School: _____ Test Number: 597
 # Students in course: _____
 # Students tested: _____
 # Students who passed the *online test* at or above 80%:_____
 # Students who passed the p*erformance objectives* at or above 80%:_____

This is to verify that the students marked **YES** on performance accomplished the following performance objectives at or above the 80% (moderately to highly skilled) level.

1. Follow safe practices and successfully complete safety tests.
2. Perform housekeeping duties.
3. Interpret a welding print, welding symbols, and welding procedure specifications.
4. Set up and operate Gas Tungsten Arc Welding (GTAW) equipment.
    a. Make 3F (vertical position-fillet weld) welds on carbon steel.
    b. Make 2G (horizontal position-groove weld) welds on carbon steel.
    c. Make 3G (vertical position-groove weld) welds on carbon steel.
    d. Perform GTAW welder performance qualification test on carbon steel.
5. Set up and operate Flux Cored Arc Welding (FCAW) equipment.
    a. Make 3F (vertical position-fillet weld) welds on carbon steel.
    b. Make 2G (horizontal position-groove weld) welds on carbon steel.
    c. Make 3G (vertical position-groove weld) welds on carbon steel.
    d. Perform FCAW welder performance qualification test on carbon steel.
6. Set up and operate Shielded Metal Arc Welding (SMAW) equipment.
    a. Make 3F (vertical position-fillet weld, uphill travel) welds on carbon steel.
    b. Make 2G (horizontal position-groove weld) welds on carbon steel.
    c. Make 3G (vertical position-groove weld, uphill travel) welds on carbon steel.
    d. Perform SMAW welder performance qualification test on carbon steel.
7. Conduct welding inspection and testing:
    a. Perform bend-testing procedures to determine the quality of the weld.
    b. Take or suggest appropriate corrective action based on testing results.
8. Fabricate parts/projects from a blueprint using metal and welding processes.

Each performance is documented and kept on file by the teacher for two years. (Check the documentation method used)

□ Individual student performance tracking sheets
□ Class period summary score sheet
□ Recorded and identified in the class grade book

Instructor's Signature: _____