

## ***Prep for Bridge Welding Certification, AASHTO/AWS ~ D1.5M/D1.5***

This two-day class is for experienced welders capable of passing the AASHTO/AWS D1.5M/D1.5 welding code certification test. Students will review the welds they will be required to perform on the test. They will also be evaluated to determine if they have the skill necessary to become certified.

## ***Testing for Bridge Welding Certification, AASHTO/AWS ~ D1.5M/D1.5***

On another scheduled day, an independent welding certification firm will test students on AASHTO/AWS D1.5M/D1.5. Those passing will be AASHTO/AWS D1.5M/D1.5 certified. There is a cost for the certification test on that day. The students or their counties will be invoiced by the independent welding certification firm whether they **pass** or **fail** the exam.

## ***Cost for Bridge Welding Certification, AASHTO/AWS ~ D1.5M/D1.5***

The Bridge Welding Certification ~ AASHTO/AWS D1.5M/D1.5 welding code certification test will be \$80.00 per student and payments should be made out to:

### **C & G Inspection**

118 Lynn Road,  
Meeker, Oklahoma 74855

### ***Requirements for class:***

**Welding hood** (if needed bring reading glasses or have hood fitted with welding cheater)

**Clear safety glasses**

**Cutting glasses #3 shade**

**100% cotton long sleeved shirt & pants**

**Leather high-top boots**

**Flashlight**

**Pliers or Channel Locks**

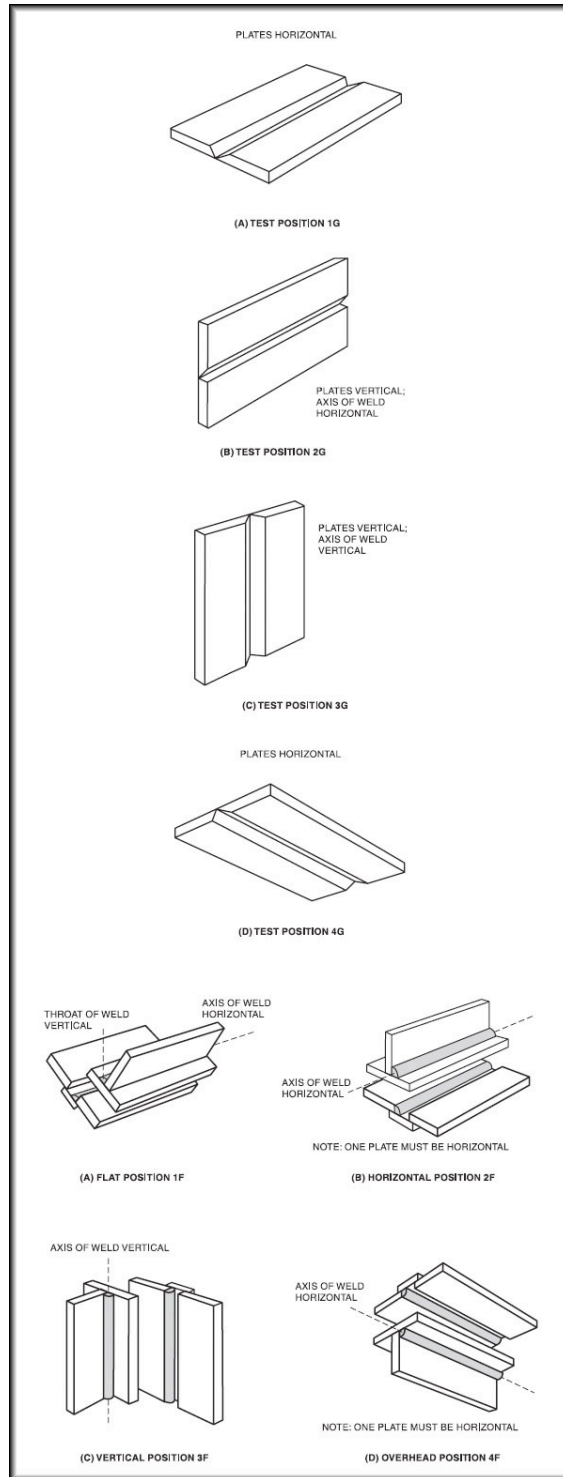
**Leather gloves**

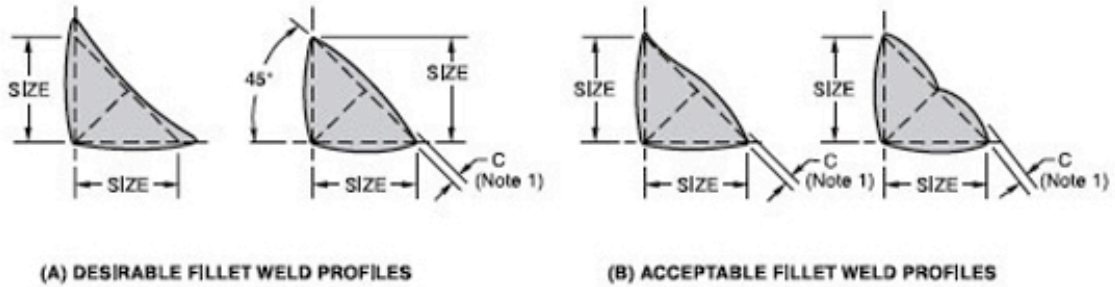
**Right Angle Grinder** (with disc and wire brush)

**Chipping hammer & hand wire brush**

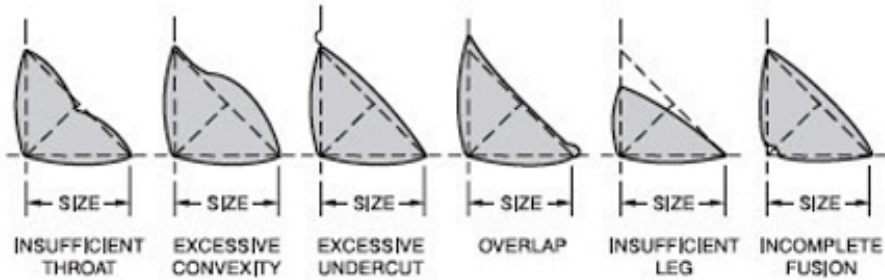
# WELDING POSITIONS

**"ALL TEST WELDS WILL BE PERFORMED ON ONE INCH PLATES USING 7018 ROD"**

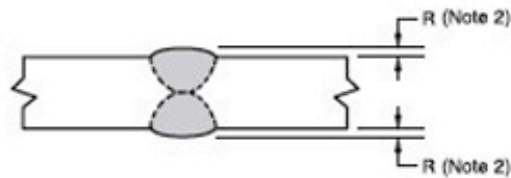




Note:  
 1. Convexity, C, of a weld or individual surface bead shall not exceed 0,07 times the actual face width of the weld or individual bead, respectively, plus 1.5 mm [0,06 in.].

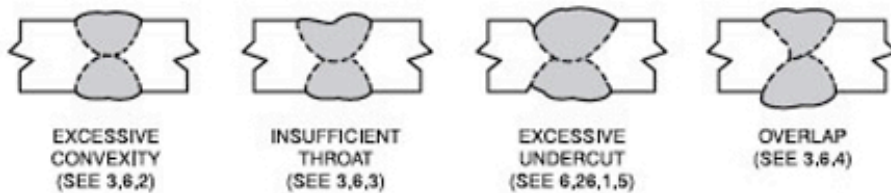


**(C) UNACCEPTABLE FILLET WELD PROFILES**



**(D) ACCEPTABLE GROOVE WELD PROFILE**

Note:  
 2. Reinforcement R shall not exceed 3 mm [1/8 in.] (see 3,6,2).



**(E) UNACCEPTABLE GROOVE WELD PROFILES IN BUTT JOINTS**

**Figure 3.3—Acceptable and Unacceptable Weld Profiles (see 3.6)**