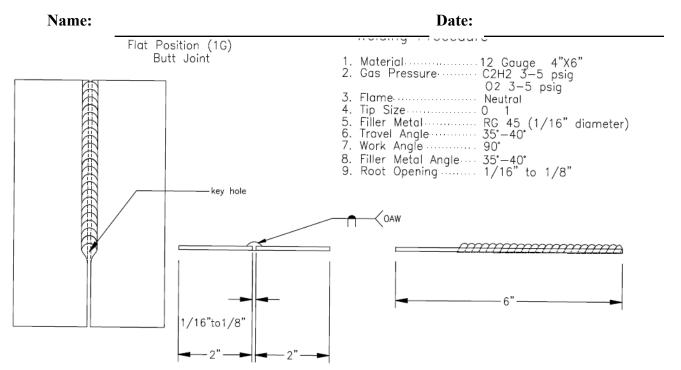
Oxy-Acetylene Welding Task - Butt Joint Flat



Procedure

- 1. Both plates should be preheated to form a keyhole. Move torch side-to-side and add filler directly into the puddle. A slight keyhole should be maintained to ensure complete penetration. The weld should completely fuse into side of joint and completely penetrate to form a root reinforcement of 1/16". Bead width on face should be ¼".
- 2. Tack plates together at both ends, place one or more tacks in middle to hold spacing and to prevent warping during welding.



Snap a picture of your final piece and insert it here:

Criteria	Student Assessment	Instructor Assessment
Reinforcement (0" - 1/8")		
Undercut (1/32")		
Weld Bead Contour (smooth)		
Penetration		
Cracks (none)		
Arc Strikes (none)		
Fusion (complete)		
Porosity (none)		

Grade: /8