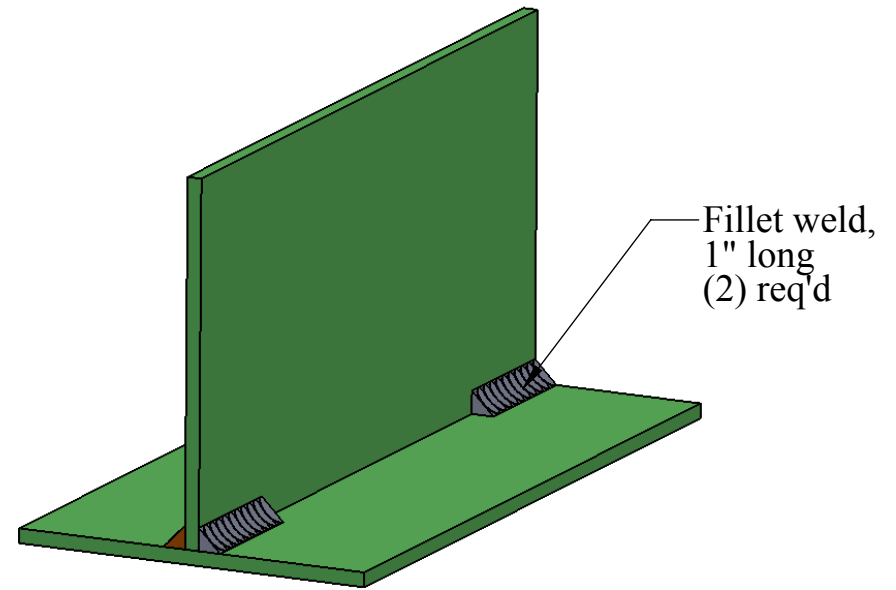
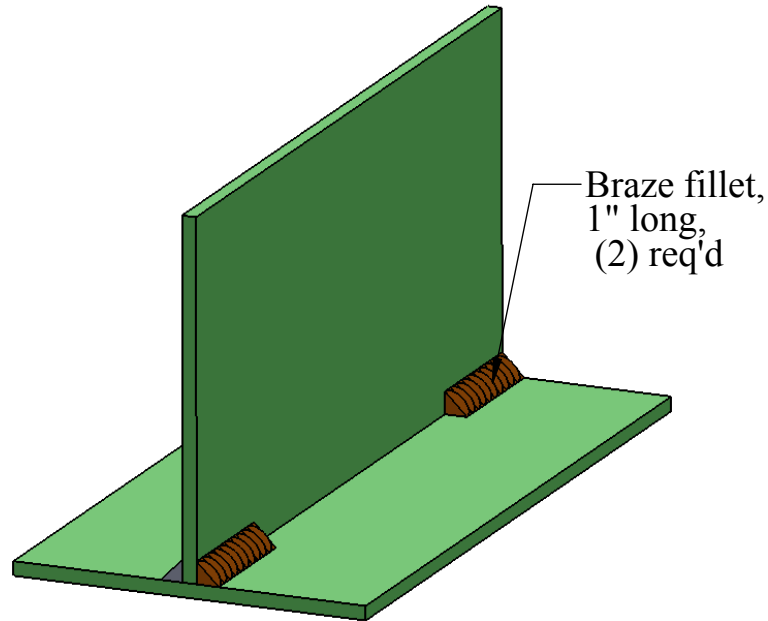


**FFA Ag. Mechanics State Finals 2018
Oxy-Fuels Skills: Gas Welding**

Procedure:

You will be issued 2 pieces of 2" x 4" x 14 ga HR sheet steel. Assemble the materials according to the layout below. The pieces are to be arranged in a "tee" joint, with a gas weld fillet (stitch) on one side, and a braze fillet on the other. Each of the welds are to be 1" long. When finished, write your contestant number on your project and on the backside of this sheet, and submit your project to the judges.



Contestant No.
Name

FFA Ag. Mechanics State Finals 2018

Oxy-Fuel Skills: Gas Welding/Brazing

Score

Score Sheet

	Points Possible	Points Earned
Safety and work habits	5	<div style="border: 1px solid black; width: 100%; height: 20px;"></div>
Braze Fillet Weld		
Uniformity of size	8	<div style="border: 1px solid black; width: 100%; height: 20px;"></div>
Weld Length	6	<div style="border: 1px solid black; width: 100%; height: 20px;"></div>
Gas Fillet Weld		
Uniformity of size	8	<div style="border: 1px solid black; width: 100%; height: 20px;"></div>
Weld length	6	<div style="border: 1px solid black; width: 100%; height: 20px;"></div>
Under cut/excessive heat?	6	<div style="border: 1px solid black; width: 100%; height: 20px;"></div>
Assembly		
90° Assembly angle?	6	<div style="border: 1px solid black; width: 100%; height: 20px;"></div>
Edges parallel?	5	<div style="border: 1px solid black; width: 100%; height: 20px;"></div>
Totals	50	<div style="border: 1px solid black; width: 100%; height: 20px;"></div>