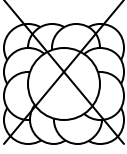
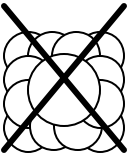
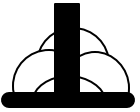
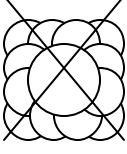
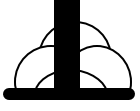


### Eighth Grade Introduction Welding

Objective Number	Objective Description	Fillar Metal	Base Metal	Additional Information
1	Build pad 3" x 5" min.	E-6010 1/8	Mild steel 3/16" – 3/8"	Front and back AWS-visual
2	Build pad 3" x 5" min.	E-7018 1/8	Mild steel 3/16" – 3/8"	Front and back AWS-visual
3	 4-fillet weld 1F- 3 passes each	E-6010 1/8	Mild steel 3/16" – 3/8"	Grade best weld visual-fillet gage
4	 4-fillet weld 1F- 3 passes each	E-7018 1/8	Mild steel 3/16" – 3/8"	Grade best weld visual-fillet gage
5	 Tee joint 2 fillet welds 2F- 3 passes	E-7018 1/8	Mild steel 3/16" – 3/8"	Grade best weld 3" x 6" visual-fillet gage
6	Build pad Front and back 3" x 5" min.	.035 hard wire	Mild steel 3/16" – 3/8"	AWS- visual
7	 4-fillet welds 1F-3 passes	.035 hard wire	Mild steel 3/16" – 3/8"	Grade best weld visual-fillet gage
8	 2-fillet welds 2F-3 passes	.035 hard wire	Mild steel 3/16" – 3/8"	Grade best weld visual-fillet gage
9	Build pad without filler rod one side only	Puddling N.A.	Mild steel 14 ga. – 16 ga.	Beads side by side 3" x 5"
10	Build pad with filler rod one side only	1/8" mild steel	Mild steel 14 ga. – 16 ga.	Beads side by side 3" x 5"
11	Cutting 4 x 4 Hole, bevel, straight	N.A.	Mild steel 3/8" – 1/2"	No grinding visual-grade

