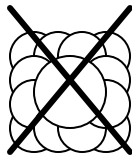
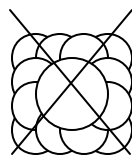
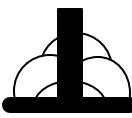
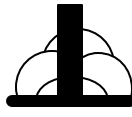
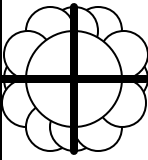
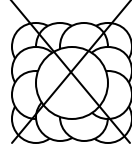
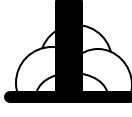


## Welding I

	Objective Number	Objective Description	Fillar Metal	Base Metal	Additional Information
<b><u>SMAW</u></b>	1	Build pad front and back 3" x 5" min.	E-6010 1/8"	Mild steel 3/16" – 3/8"	Front and Back AWS-visual
	2	Build pad front and back 3" x 5" min.	E-7018 1/8"	Mild steel 3/16" – 3/8"	Front and Back AWS-visual
	3	 4-Fillet Welds 1F-3 passes each	E-6010 1/8"	Mild steel 3/16" – 3/8"	Grade best weld visual- fillet gage
	4	 4-Fillet Welds 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-6010 1/8"	Mild steel 3/16" – 3/8"	Grade best weld visual- fillet gage
	6	 Tee joint 2-fillet welds 2F- 3 passes	E-7018 1/8"	Mild steel 3/16" – 3/8"	Grade best weld visual- fillet gage
	7	 4 fillet-welds 3F- 3 passes	E-7018 1/8"	Mild steel 3/16" – 3/8"	Grade best weld visual- fillet gage
<b><u>GMAW</u></b>	8	Build pad front and back 3" x 5" min.	.035 hard wire	Mild steel 3/16" – 3/8"	Visual
	9	 4-fillet welds 1F- 3	.035 hard wire	Mild steel 3/16" – 3/8"	Grade best weld visual- fillet gage
	10	 2-fillet welds 2f- 3 passes	.035 hard wire	Mild steel 3/16" – 3/8"	Grade best weld visual- fillet gage
<b><u>Oxy Act</u></b>	11	Build pad without filler rod one side only	Puddling N.A.	Mild steel 14 ga. – 16 ga.	Beads side by side 3" x 5" min.
	12	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" min.
	13	Cutting objective see information sheet	N.A.	3/8"- 1/2"	No grinding Visual - grade

