Weld acceptance criteria Rubric					
Master 5 points	**Advanced 4 points**	**Proficient 3 points**	**Basic 2 points**	**Below basic 1 point**	**Total points**
Weld Height & Width: 100% - Width and thickness are uniform throughout the entire length of each weld.	Bead is uniform in width all along the length of each weld. Bead has a smooth appearance	Bead maintains width and length. Shows some small blemishes along the weld	Not a uniform thickness throughout the weld. Thickness goes to extremes.	Weld is cut off in places, edges are not uniform along the weld. Shows bare spots	
Appearance: 100% - Smooth with uniform dense ripples, bead doesn't show traveling too fast or slow	Weld shows a constant speed and uniformity the entire length	Weld shows a constant speed with some blemishes that are minimal	Weld shows definite areas of speeding up and slowing down. Ripples tend to be coarse	Weld has been done too fast or too slow. Weld is not complete	
Face of Bead: 100% - Convex, free of voids and high spots, shows uniformity throughout the bead	Has a nice rounded look. Is not overly high, or low. Bead covers a wide area of each weld.	Bead is well rounded, mostly uniform over the length of the weld. Shows some high spots / low spots	Bead shows many high/ low areas. Total lack of uniformity throughout the weld	Weld does not blend into one single bead.	
Edge of Bead: 100% - Good fusion, no overlapping or undercutting	Toes and edges are smooth complete fusion into each weld. Undercutting is kept to a minimum, Weld does not float on surface	Moderately smooth fusion. Undercutting /overlap are present. Strength of the weld is still strong	Overlap and undercut are very apparent. Weld lacks strength and flow	Metal is burned through/ Weld has no connection to metal,	
Beginning and Ending: 100% - Crater well filled, Tie in barely or not noticeable	End of each weld is complete, the line doesn't taper off	Weld ending is full but shows some tapering and a crater present	Crater distinctly present at the end of the bead.	Metal is burned through at the end	
Surrounding Plate: 100 % - Welding surface free of spatter	Spatter is kept to a minimum.	Some spatter is present but not displeasing	Spatter is in large amounts	Spatter takes away from the integrity of the weld.	
Penetration: 100 % - Complete without burn through	Weld penetrates deep into the metal and adds strength and fusion to the edges.	Weld penetrates but does not resurface through the bottom of a full penetration joint. Welds/weld penetrates when it should not	Weld is uneven in depth, lacks uniformity along weld length.	Weld floats on top of the metal. Has no strength	