

A- NUMBER Classification of Ferrous Weld Metal Analysis for Procedure Qualification										
QW	A No	Type of Weld Deposit	Analysis, % [Note (1)]							
			C	Cr	Mo	Ni	Mn	Si		
442	1	Mild Steel	0.20	1.60	1.00		
	2	Carbon-Molybdenum	0.15	0.50	.040-0.65	...	1.60	1.00		
	3	Chrome (0.4% to 2%)—Molybdenum	0.15	0.40-2.00	0.40-0.65	...	1.60	1.00		
	4	Chrome (2% to 6%)—Molybdenum	0.15	2.00-6.00	0.40-1.50	...	1.60	2.00		
	5	Chrome (6% to 10.5%)—Molybdenum	0.15	6.00-10.50	0.40-1.50	...	1.20	2.00		
	6	Chrome-Martensitic	0.15	11.00-15.00	0.70	...	2.00	1.00		
	7	Chrome-Ferritic	0.15	11.00-30.00	1.00	...	1.00	3.00		
	8	Chromium-Nickel	0.15	14.50-30.00	4.00	7.50-15.00	2.50	1.00		
	9	Chromium-Nickel	0.30	19.00-30.00	6.00	15.00-37.00	2.50	1.00		
	10	Nickel to 4%	0.15	...	0.06	.08-4.00	1.70	1.00		
	11	Manganese—Molybdenum	0.17	...	0.25-0.75	0.85	1.25-2.25	1.00		
	12	Nickel—Chrome—Molybdenum	0.15	1.50	0.25-0.80	1.25-2.80	0.75-2.25	1.00		

Note 1: Single values shown above are maximum.