AWS FILLER METAL SPECIFICATIONS BY MATERIAL AND WELDING PROCESS

	OFW	SMAW	GTAW GMAW PAW	FCAW	SAW	ESW	EGW	BRAZING	THERMAL SPRAYING
Carbon Steel	A5.2	A5.1	A5.18 I A5.36	A5.20 I A5.36	A5.17	A5.25	A5.26	A5.8 I A5.31	C2.25
Low-Alloys Steel	A5.2	A5.5	A5.28 I A5.36	A5.29 I A5.36	A5.23	A5.25	A5.26	A5.8 I A5.31	C2.25
Stainless Steel		A5.4	A5.9	A5.22	A5.9	A5.9	A5.9	A5.8 I A5.31	C2.25
Cast Iron	A5.15	A5.15	A5.15	A5.15				A5.8 I A5.31	
Nickel Alloys		A5.11	A5.14	A5.34	A5.14	A5.14		A5.8 I A5.31	C2.25
Aluminum Alloys		A5.3	A5.10					A5.8 I A5.31	C2.25
Copper Alloys		A5.6	A5.7					A5.8 I A5.31	C2.25
Titanium Alloys			A5.16					A5.8 I A5.31	
Zirconium Alloys			A5.24					A5.8 I A5.31	
Magnesium Alloys			A5.19					A5.8 I A5.31	
Tungster Electrodes			A5.12						
Brazing Alloys and Fluxes								A5.8 I A5.31	
Surfacing Alloys	A5.21	A5.13	A5.21	A5.21	A5.21				C2.25
Consumable Inserts			A5.30						
Shielding Gases			A5.32	A5.32			A5.32		
Ceramics									C2.25