

**Table QW-432**  
**F-Numbers**  
**Grouping of Electrodes and Welding Rods for Qualification (Cont'd)**

F-No.	ASME Specification	AWS Classification	UNS No.
<b>Steel and Steel Alloys (Cont'd)</b>			
4	SFA-5.5	E(X)XX45	...
5	SFA-5.4 austenitic and duplex	EXXX(X)-15	...
5	SFA-5.4 austenitic and duplex	EXXX(X)-16	...
5	SFA-5.4 austenitic and duplex	EXXX(X)-17	...
6	SFA-5.2	All classifications	...
6	SFA-5.9	All classifications	...
6	SFA-5.17	All classifications	...
6	SFA-5.18	All classifications	...
6	SFA-5.20	All classifications	...
6	SFA-5.22	All classifications	...
6	SFA-5.23	All classifications	...
6	SFA-5.25	All classifications	...
6	SFA-5.26	All classifications	...
6	SFA-5.28	All classifications	...
6	SFA-5.29	All classifications	...
6	SFA-5.30	INMs-X	...
6	SFA-5.30	IN5XX	...
6	SFA-5.30	IN3XX(X)	...
6	SFA-5.39	All classifications	...
<b>Aluminum and Aluminum Alloys</b>			
21	SFA-5.3	E1100	A91100
21	SFA-5.3	E3003	A93003
21	SFA-5.10	ER1070	A91070
21	SFA-5.10	ER1080A	A91080
21	SFA-5.10	ER1100	A91100
21	SFA-5.10	ER1188	A91188
21	SFA-5.10	ER1200	A91200
21	SFA-5.10	ER1450	A91450
21	SFA-5.10	ER3103	A93103
21	SFA-5.10	R1070	A91070
21	SFA-5.10	R1080A	A91080
21	SFA-5.10	R1100	A91100
21	SFA-5.10	R1188	A91188
21	SFA-5.10	R1200	A91200
21	SFA-5.10	R1450	A91450
21	SFA-5.10	R3103	A93103
22	SFA-5.10	ER5087	A95087
22	SFA-5.10	ER5183	A95183
22	SFA-5.10	ER5183A	A95183
22	SFA-5.10	ER5187	A95187
22	SFA-5.10	ER5249	A95249
22	SFA-5.10	ER5356	A95356
22	SFA-5.10	ER5356A	A95356