

INDEX OF WELDER QUALIFICATION TESTS

BQT/WQT TEST NUMBER	REV.	WELDING PROCESS	BASE MATERIAL	TYPE BACKING	JOINT THKNS	JOINT TYPE	PIPE DIA.	POSITION QUALIFIED		FILLER MATERIAL	CURRENT ±	TYPE TEST	PRIMARY WPS(s)	TEST DESCRIPTION
								Weld	Braze					
001.0	2	SMAW	CS Pipe	None	0.280	BL2	6.000	2G,5G	6G	E-6010/7018	DCEP	BEND	100-1	ASME 6" Pipe Uphill
001.1	1	OFW	CS Pipe	None	0.218	BL.2	2.000	2G,5G	6G	RG-65	NA	BEND	600-1	ASME OFW 2" Pipe Uphill
001.2	0	SMAW	CS Pipe	None	0.280	BL2	6.000	2G,5G	6G	E-6010	DCEP	BEND	100-1	ASME 6" Pipe Downhill
001.3	0	SMAW	CS Pipe	None	0.375	BL2	12.750	6G		E-6010	DCEP	BEND	API-100-1	API 1104 Qual. 12" Pipe
001.5	2	SMAW	CS Pipe	None	0.218	BL2	2.000	2G,5G	6G	E-6010	DCEP	BEND	100-1	ASME 2" Pipe Uphill
001.6	0	SMAW	CS Pipe	None	0.280	BL2	6.000		5G,6G	E-6010	DCEP	BEND	100-1	ASME 6" Pipe Downhill
001.7	1	SMAW	CS Pipe	None	0.375	Branch	12.375	2G,5G		E-6010	DCEP	NICK	API-100-9	API 1104 Branch Qualifi.
001.8	0	SMAW	CS Pipe	None	0.280	Branch	8.650	2G,5G		E-6010	DCEP	BEND	API-100-9	API 1104 Renewal Coupon
002.0	2	GTAW	CS Pipe	None	0.218	BL2	2.000	2G,5G	6G	ER-70S-2	DCEN	BEND	200-1	ASME 2" Pipe GTAW
002.1	1	GTAW	CS Plate	None	0.250	BL2	0.000	2G3G4G		ER-70s-1	DCEN	BEND	200-1	ASME GTAW Plate Test
002.2	1	GTAW	SS Plate	Argon	0.375	BL2	0.000	2G3G4G		ER-309	DCEN	BEND	200-8	ASME GTAW SS Plate Test
002.5	3	GTAW	CS Pipe	Argon	0.218	BL2	2.000	2G,5G	6G	ER-309	DCEN	BEND	200-8	ASME GTAW 2' Pipe Test
002.7	1	GMAW	SS Pipe	Ring	0.280	BL2	6.000	2G,5G	6G	ER-309	DCEP	BEND	306-8	ASME/AWS GMAW Pipe
002.8	0	GTAW	P34 – P4X	Argon	0.135	BL2	1.000	6G		ER-NICU-7	DCEN	BEND	200-43	ASME GTAW P# 4X Pipe
002.9	1	GTAW	CS Pipe	Argon	0.280	BL2	6.000	2G,5G	6G	ER-NICR-3	DCEN	BEND	200-4X	ASME GTAW P# 4X 6" Pipe
003.0	2	SMAW	CS Pipe	Ring	0.864	BU2	6.000	2G,5G	6G	E-7018	DCEP	BEND	100-1	ASME/AWS SMAW CS to HSLA
004.0	2	SMAW	SS Pipe	Ring	0.864	BU2	6.000	2G,5G	6G	E-209-15/16	DCEP	BEND	100-8	ASME/AWS SMAW SS Pipe
004.1	1	SMAW	SS Plate	Metal	0.375	BL2	0.000	2G3G4G		E-209-15/16	DCEP	BEND	100-8	ASME/AWS SMAW SS Plate
005.0	2	GMAW-FC	CS Plate	Metal	1.000	BU2	0.000	2G3G4G		E-XXT-1	DCEP	BEND	351-1	ASME/AWS GMAW-FC Plate
005.1	0	GMAW-FC	SS Plate	Metal	0.375	BL2	0.000	2G3G4G		E-308LT-1	DCEP	BEND	353-8	ASME/AWS GMAW-FC SS Plate
006.0	2	GTAW	AL Plate	Metal	0.375	BL2	0.000	2G3G4G		ER-4043/5356	ACHF	BEND	200-2X	ASME/AWS GTAW AL Plate
006.1	1	PAW	AL Plate	Argon	0.375	BL2	0.000	2G3G4G		ER-4043/5356	ACSW	BEND	400-2X	ASME/AWS PAW AL Plate
006.2	1	GTAW	AL Plate	Argon	0.375	BL2	0.000	2G3G4G		ER-4043/5356	DCEN	BEND	200-2X	ASME/AWS GTAW AL Plate
007.0	3	GMAW	AL Plate	Metal	1.000	BU2	0.000	2G3G4G		ER-4043/5356	DCEP	BEND	300-2X	ASME/AWS GMAW AL Plate
008.0	1	GTAW	SS Tube	Argon	0.031	BL1	0.375	2G,5G	6G	ER-308L	DCEN	SECTION	200-8	ASME GTAW SS Tube
010.0	3	SMAW	CS Plate	Metal	0.375	BL2	0.000	2G3G4G		E-7018	DCEP	BEND	100-1	ASME/AWS SMAW CS Plate
011.0	2	SMAW	CS Plate	Metal	1.000	BU2	0.000	2G3G4G		E-7018	DCEP	BEND	100-1	ASME/AWS SMAW CS Plate Unlimited
012.0	3	GMAW	CS Plate	Metal	1.000	BU2	0.000	2G3G4G		ER-70S-2	DCEP	BEND	301-1 & 303-1	ASME/AWS GMAW CS Plate Unlimited
012.1	1	GMAW	CS Pipe	None	0.280	BL2	6.000	2G, 5G	6G	ER-70S-2	DCEP	BEND	301-1 & 303-1	ASME/AWS GMAW 6" Pipe

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								Weld	Braze					
012.2	1	GMAW	CS Plate	None	0.375	BL2	0.000	2G3G4G		ER-70S-2	DCEP	BEND	301-1 & 303-1	ASME/AWS GMAW CS Plate
012.3	1	GMAW	CS Pipe	Metal	0.280	BL2	6.000	2G,5G	6G	ER-70S-2	DCEP	BEND	301-1 & 303-1	ASME/AWS GMAW 6" Pipe
013.0	2	SMAW	SS Plate	NA	0.375	Fillet	0.000	3F,4F		E-309-15/16	DCEP	SECTION	100-8	ASME/AWS SMAW Fillet SS Plate
014.1	0	SMAW	GA Sheet	None	0.048	BL1	0.000	4G		E-6010/7018	DCEP	VISUAL	100-1	AWS SMAW GA Sheet
015.0	3	GTAW	CS Sheet	None	0.048	BL1	0.000	4G		ER-70S-2	DCEN	VISUAL	200-1	AWS GTAW CS Sheet
016.0	2	GMAW-SC	CS Sheet	None	0.048	BL1	0.000	4G		ER-70S-2	DCEP	VISUAL	301-1	AWS GMAW-SC CS Sheet
016.1	0	GMAW-SC	GA Sheet	NA	0.048	BL1	0.000	4G		ER-70S-2	DCEP	VISUAL	301-1	AWS GMAW-SC GA Sheet
017.0	3	SMAW	SS Sheet	None	0.048	BL1	0.000	4G		E-309-15/16	DCEP	VISUAL	100-8	AWS SMAW SS Sheet
018.0	3	GTAW	CS Sheet	Argon	0.048	BL1	0.000	4G		ER-309	DCEP	VISUAL	200-1/8	AWS GTAW CS Sheet
019.0	2	GTAW-SC	CS Sheet	Argon	0.048	BL1	0.000	4G		ER-309	DCEP	VISUAL	306-8	AWS GMAW-SC CS Sheet
020.0	2	GTAW	AL Sheet	None	0.048	BL1	0.000	4G		ER-4043/5356	ACHF	VISUAL	200-2X	AWS GTAW AL Sheet
021.0	2	GMAW	AL Sheet	None	0.048	BL1	0.000	4G		ER-4043/5356	DCEP	VISUAL	300-2X	AWS GTAW AL Sheet
022.0	2	GTAW	GA Sheet	None	0.048	BL1	0.000	4G		ER-70S-2	DCEN	VISUAL	200-1	AWS GTAW GA Sheet
023.0	2	GTAW	GA Sheet	None	0.048	BL1	0.000	4G		ER-CUSI-A	DCEN	VISUAL	200-1-F32	AWS GTRAW ERCYSU-A CS Sheet
024.0	2	SMAW	CS Plate	NA	0.375	Fillet	0.000	3F,4F		E-7018	DCEP	SECTION	100-1	ASME/AWS SMAW Fillet CS Plate
025.0	2	GTAW	CS Plate	NA	0.375	Fillet	0.000	3F,4F		ER-70S-2	DCEN	SECTION	200-1	ASME/AWS GTAW Fillet CS Plate
026.0	2	GTAW	AL Plate	NA	0.375	Fillet	0.000	3F,4F		ER-4043/5356	ACHF	SECTION	200-2X	ASME/AWS GTAW Fillet AL Plate
027.0	2	GMAW	AL Plate	NA	0.375	Fillet	0.000	3F,4F		ER-4043/5356	DCEP	SECTION	300-2X	ASME/AWS GMAW Fillet AL Plate
028.0	2	GMAW-SC	CS Plate	NA	0.375	Fillet	0.000	3F,4F		ER-70S-2	DCEP	SECTION	301-1 & 303-1	ASME/AWS GMAW-SC Fillet CS Plate
102	1	TB	CU Tube	NA	0.062	Socket	1.500		VUFF	Bag-7,9,10,13	NA	PEEL	600-102	ASME Brazing Bag-X Copper
103	1	TB	CU Tube	NA	0.062	Socket	1.500		VUFF	BCUP-1 Thru 7	NA	PEEL	600-103	ASME Brazing B-CUP 1-7