



Qualified Welding Procedures

ECR-100	SMAW	HY-100 to HY-100 Plate with Backing
ECR-101	SMAW	Carbon Steel Pipe with Backing
ECR-102	FCAW	Carbon Steel Plate with Backing
ECR-102C	FCAW	Carbon Steel Plate with Ceramic Backing
ECR-103	FCAW	HY-80 to HY-80 Plate with Backing
ECR-104	GTAW	Carbon Steel Pipe with Backing
ECR-104 TWS	GTAW	Carbon Steel Thin Wall Sockets
ECR-105	SMAW	Carbon Steel Pipe with Backing
ECR-105 TWS	SMAW	Carbon Steel Thin Wall Sockets
ECR-106	GTAW	Carbon Steel Pipe without Backing
ECR-107	FCAW	Carbon Steel to Stainless Steel Plate with Backing
ECR-200	SMAW	Stainless Steel Plate with Backing
ECR-201	GTAW	Stainless Steel Pipe with Backing
ECR-201 TWS	GTAW	Stainless Steel Thin Wall Sockets
ECR-201 FTWS	GTAW	Stainless Steel Thin Wall Sockets
ECR-202	GTAW	Stainless Steel Pipe without Backing
ECR-203	GTAW	Stainless Steel Pipe (Pipe Boss)
ECR-225 TWS	GTAW	5XXX Aluminum Socket Welds
ECR-400	GTAW	Copper Nickel Pipe with Backing
ECR-400 TWS	GTAW	Copper Nickel Thin Wall Socket
ECR-401	GTAW	Copper to Copper Nickel Pipe with Backing
ECR-401 TWS	GTAW	Copper to Copper Nickel Thin Wall Socket
ECR-402	GTAW	Copper Nickel Pipe without Backing
ECR-408	FCAW	Stainless Steel Plate with Backing
ECR-500	SMAW	Carbon Steel to Stainless Steel Plate with Backing
ECR-501	GTAW	Carbon Steel to Copper Nickel Pipe with Backing
ECR-501 TWS	GTAW	Carbon Steel to Copper Nickel Thin Wall Socket
ECR-600	GMAW	5XXX Aluminum Plate with Backing
ECR-600C	GMAW	5XXX Aluminum Plate with Ceramic Backing
ECR-601	GMAW-P	Carbon Steel Plate with Ceramic Backing
ECR-602	GMAW-P	6XXX Aluminum Plate with Ceramic Backing
ECR-603	GMAW-P	6XXX to 5XXX Aluminum Plate with Ceramic Backing
ECR-604	FCAW	HY-80 to HY-80 (to 2") Double Bevel
ECR-700	Arc Stud	Carbon Steel Studs to Carbon Steel Base
ECR-702	Arc Stud	Stainless Steel Studs to Stainless Steel Base
ECR-703	Arc Stud	Stainless Steel Studs to Carbon Steel Base
ECR-800	FCAW	Alloy 8620 to HSLA-80 Welded Both Sides
ECR-801	SMAW	Alloy 8620 to HSLA-80 Welded Both Sides

ECR-802	FCAW	Alloy 8620 to HY-100 Welded Both Sides
ECR-803	SMAW	Alloy 8620 to HY-100 Welded Both Sides
ECR-804	FCAW	Alloy 8620 to HSLA-100 Welded Both Sides
ECR-805	SMAW	Alloy 8620 to HSLA-100 Welded Both Sides
ECR-806	FCAW	Alloy 8620 to HY-80 Welded Both Sides
ECR-807	SMAW	Alloy 8620 to HY-80 Welded Both Sides
ECR-808	FCAW	Alloy 8620 to Stainless Steel Welded Both Sides
ECR-809	SMAW	Alloy 8620 to Stainless Steel Welded Both Sides