

Description	Welding Processes					
	SMAW (Stick)	GTAW (Tig)	SAW (Subarc)	GMAW-P (Mig)	GMAW-P (Robotic Mig)	FCAW (Flux Core)
4130-A105 4130 - GMAW-P, SMAW, SAW	✓		✓	✓		
A105-A105 - GMAW-P, SMAW, SAW	✓		✓	✓		
4130-316L - SAW			✓			
4130-316L - SMAW	✓					
A105-316L Overlay - SMAW	✓					
A106 B/C - GMAW-P, FCAW				✓		✓
A106 B/C - GMAW-P, SMAW	✓			✓		
4130 - 625 - GMAW-P					✓	
4130 625 Overlay - SMAW	✓					
A106 - GTAW, SMAW	✓	✓				
17-4 PH TO 304 SS - GTAW		✓				
8630-625 - SMAW	✓					
4130 625 OVERLAY - ABS Approved - SMAW	✓					
F55 Duolex SS 4803H (304 SS) - SMAW	✓					
4130-316L - SMAW	✓					
8630-625 - SMAW	✓					
AISI 4130 to 4130 Groove - GMAW-P, SMAW, SAW	✓		✓		✓	
4130 Bolt Hole - GMAW-P				✓		
316 ASTM A213 - SMAW, GTAW	✓	✓				
F22 base with 625 Inconel overlay - DNV ABS Approved - SMAW	✓					
AISI 4130-625 Overlay - DNV ABS Approved - SMAW	✓					
Inconel 625 on AISI 4130 base material - SAW			✓			
4130-4130 Base Material ABS - TIG, SMAW, SAW	✓	✓	✓			
AISI 4130 with 316 stainless steel overlay inlay - ABS Approved - SMAW	✓					
AISI 4130-4130 Non Nace - GTAW, SMAW, SAW	✓	✓	✓			
AISI 4140 625 Inconel overlay inlay Non H2S - SMAW	✓					
P1 Fabrication - GMAW-P, FCAW				✓		✓
4130 - Gas Tungsten Arc Welding (GTAW) - Manual (DCEN)		✓				
ASTM 182 F22 Inconel Overlay - SAW			✓			
4130 316 Inlay - GMAW-P Robotic					✓	
4130 625 Overlay - GMAW-P Robotic					✓	
4130 to 4130 - GMAW-P Robotic					✓	
P1 to API 2H Grade 50 ASME IX and AWS D1.1 - GMAW-P, FCAW				✓		✓