

 Bluewater THERMAL SOLUTIONS		Benton Harbor, MI	South Bend, IN	Rockford, IL	Coldwater, MI	St. Marys/Ridgway, PA
NEUTRAL HARDENING	Harden and Temper (Batch atmosphere furnace)	X	X	X		X
	Harden and Temper (Continuous atmosphere furnace)	X		X		X
	Harden and Temper (Vacuum furnace)		X			
	Precipitation Harden / Age Harden	X	X	X		X
	Marquenching (Salt quench)		X			
SURFACE CASE HARDENING	Carburizing / Carbonitriding (Batch furnace)	X	X	X		X
	Carburizing / Carbonitriding (Continuous furnace)	X		X		X
	Ferritic Nitrocarburizing (FNC)		X			
	Gas Nitriding		X			
	Induction Hardening (Selective Hardening)					X
	Boronizing / Boriding					
ANNEALING	Bright Anneal (Stainless)		X		X	
	Full Anneal	X	X	X	X	
	Homogenize Anneal		X		X	
	Isothermal Anneal	X	X	X		
	Normalize	X	X	X		
	Solution Anneal		X			
	Spheroidize Anneal		X			
	Stress Relieve	X	X	X		X
	Induction Anneal (Selective Anneal)					X
BRAZING	Continuous Atmosphere Belt				X	
	Stainless Steel				X	
	Vacuum		X			
SECONDARY OPERATIONS	Passivating (Stainless Steel)					
	Light Assembly				X	
	Assembly (press-fit, staking, crimping, hand-assembly)				X	
	Leak Testing				X	
	Projection Welding				X	
	MIG Welding				X	
	Press Straightening / Clamp Temper		X	X		
	Wet/Dry Vibratory Finishing, Grit Blasting, Shot Blasting	X	X	X		X
TESTING	Hardness Testing	X	X	X	X	X
	Metallography / Microstructure	X	X	X	X	X
	Shim Stock Carbon Determination					X