

		Benton Harbor, MI	South Bend, IN	Chicago, IL Plants 1, 2, & 3	Rockford, IL	Coldwater, MI	St. Marys, PA	Ridgway, PA	Kitchener, ONT	Saginaw, MI	Houston, TX (SWHT)	Houston, TX (TEL)
NEUTRAL HARDENING (Ferrous)	Harden and Temper (Batch atmosphere furnace)	X	X		X		X		X			
	Harden and Temper (Continuous atmosphere furnace)	X		X	X		X		X			
	Harden and Temper (Vacuum furnace)		X		X							
	Harden and Temper (Saltpot furnace)								X			
	Harden and Temper (Air atmosphere)										X	
	Precipitation Harden / Age Harden	X	X	X	X		X		X		X	
	Austempering								X			
	Marquenching (Hot oil quench)		X		X				X			
	Marquenching (Salt quench)		X						X			
SURFACE CASE HARDENING	Carburizing / Carbonitriding (Batch furnace)	X	X		X		X		X			
	Carburizing / Carbonitriding (Continuous furnace)	X		X	X		X		X			
	Ferritic Nitrocarburizing (FNC)		X						X			
	Gas Nitriding	X	X									
	Induction Hardening (Selective Hardening)			X			X	X				
	Tuff-Koat™			X								
	Boronizing / Boriding			X					X			
ANNEALING (Ferrous)	Bright Anneal		X	X	X	X						
	Full Anneal	X	X	X	X	X	X		X		X	
	Homogenize Anneal		X	X	X	X					X	
	Isothermal Anneal	X	X	X	X		X		X		X	
	Normalize	X	X	X	X		X		X		X	
	Solution Anneal										X	
	Spheroidize Anneal		X		X				X		X	
	Stress Relieve	X	X	X	X		X		X		X	
	Induction Anneal (Selective Anneal)			X			X	X				
ALUMINIUM	Solution Treat								X	X		
	Stabilization								X	X		
	Precipitation Harden / Age Harden	X	X	X	X		X		X	X	X	
BRAZING	Continuous Atmosphere Belt			X		X						
	Stainless Steel			X		X						
	Vacuum		X		X							
SECONDARY OPERATIONS	Steam Treating			X			X					
	Passivating (Stainless Steel)			X								
	Light Assembly			X		X						
	Assembly (press-fit, staking, crimping, hand-assembly)					X						
	Leak Testing			X		X						
	Projection Welding					X						
	MIG Welding					X						
	Press Straightening / Clamp Temper	X	X		X		X		X		X	
Wet/Dry Vibratory Finishing, Grit Blasting, Shot Blasting	X	X	X	X		X	X					
TESTING	Hardness Testing	X	X	X	X	X	X	X	X	X	X	X
	Metallography / Microstructure	X	X	X	X	X	X	X	X		X	X
	Mechanical Testing (Tensile and Charpy)										X	X
	Chemical Analysis											X
	Magnetic Particle Inspection							X				X
	Bend Testing											X
	Shim Stock Carbon Determination						X					
ACCREDITATIONS	CQI-9 - Compliant	X	X	X	X	X	X	X	X	X		
	ISO 9001:2008	X	X	X	X	X	X		X	X	X	
	TS-16949					X			X	X		
	AS 9100		X									
	NADCAP		X									
	A2LA Lab Accreditation			X								
	Aerospace Supplier Approved		X		X							
	ISO 14001					X			X	X		