

		Benton Harbor, MI	South Bend, IN	Chicago, IL Plants 1,2,&3	Rockford, IL	Coldwater, MI	St. Marys, PA	Ridgway, PA	Saginaw, MI	Houston, TX (SWHT)	Houston, TX (TEL)
NEUTRAL HARDENING (Ferrous)	Harden and Temper (Batch atmosphere furnace)	X	X		X		X				
	Harden and Temper (Continuous atmosphere furnace)	X		X	X		X				
	Harden and Temper (Vacuum furnace)		X								
	Harden and Temper (Saltpot furnace)										
	Harden and Temper (Air atmosphere)									X	
	Precipitation Harden / Age Harden	X	X		X		X	X		X	
	Austempering										
	Marquenching (Hot oil quench)		X								
	Marquenching (Salt quench)		X								
SURFACE CASE HARDENING	Carburizing / Carbonitriding (Batch furnace)	X	X		X		X				
	Carburizing / Carbonitriding (Continuous furnace)	X		X	X		X				
	Ferritic Nitrocarburizing (FNC)		X								
	Gas Nitriding	X	X								
	Induction Hardening (Selective Hardening)							X			
	Boronizing / Boriding			X						X	
ANNEALING (Ferrous)	Bright Anneal		X	X		X					
	Full Anneal	X	X	X	X	X	X			X	
	Homogenize Anneal		X	X		X				X	
	Isothermal Anneal	X	X	X			X			X	
	Normalize	X	X	X	X		X			X	
	Solution Anneal		X							X	
	Spheroidize Anneal		X		X					X	
	Stress Relieve	X	X	X	X		X			X	
Induction Anneal (Selective Anneal)							X				
ALUMINIUM	Solution Treat								X		
	Stabilization								X		
	Precipitation Harden / Age Harden	X	X		X		X		X	X	
BRAZING	Continuous Atmosphere Belt			X		X					
	Stainless Steel			X		X					
	Vacuum										
SECONDARY OPERATIONS	Steam Treating						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	
Wet/Dry Vibratory Finishing, Grit Blasting, Shot Blasting	X	X	X			X			X		
TESTING	Hardness Testing	X	X	X	X	X	X	X	X	X	X
	Metallography / Microstructure	X	X	X	X	X	X	X		X	X
	Mechanical Testing (Tensile and Charpy)									X	X
	Chemical Analysis										X
	Magnetic Particle Inspection							X			
	Bend Testing										X
	Shim Stock Carbon Determination						X				
ACCREDITATIONS	CQI-9 - Compliant	X	X	X	X	X	X	X	X		
	ISO 9001:2015	X		X	X		X			X	
	IATF-16949					X			X		
	AS 9100		X								
	NADCAP		X								
	ISO 17025										X
	Aerospace Supplier Approved		X								
	ISO 14001					X			X		