



		Benton Harbor, MI	South Bend, IN	Chicago, IL Plants 2 & 3	Rockford, IL	Coldwater, MI	St. Marys, PA	Ridgway, PA	Houston, TX (SWHT)
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						
	Precipitation Harden / Age Harden	X	X		X		X		
	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		
	Homogenize Anneal		X	X		X			
	Isothermal Anneal	X	X	X			X		
	Normalize	X	X	X	X		X		
	Solution Anneal		X						
	Spheroidize Anneal		X		X				
	Stress Relieve	X	X	X	X		X		
	Induction Anneal (Selective Anneal)							X	
BRAZING	Continuous Atmosphere Belt			X		X			
	Stainless Steel			X		X			
SECONDARY OPERATIONS	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
	Wet/Dry Vibratory Finishing, Grit Blasting, Shot Blasting	X	X	X					X
TESTING	Hardness Testing	X	X	X	X	X	X	X	X
	Metallography / Microstructure	X	X	X	X	X	X	X	X
	Mechanical Testing (Tensile and Charpy)								X
	Magnetic Particle Inspection							X	
	Shim Stock Carbon Determination						X		
ACCREDITATIONS	CQI-9 - Compliant	X	X	X	X	X	X	X	
	ISO 9001:2015	X		X	X		X	X	X
	IATF-16949					X			
	AS 9100		X						
	NADCAP		X						
	Aerospace Supplier Approved		X						