

Service	Mechanical									Electrical						
	Failure Analysis	Mechanical Testing	Materials Testing	Chemical Analysis	Destructive Testing	Metallurgical Analysis	Weld & Weider Qualification	Material Selection	Positive Material Identification (PMI)	Failure Analysis	Destructive Physical Analysis	Screening	Wire & Cable Testing	Printed Wiring Board Testing	Component Life Testing	Counterfeit Component Mitigation
Capability																
Tensile (0-200,000 lbs)		✓	✓		✓			✓	✓							
Compression Testing		✓	✓		✓			✓	✓							
Double Shear		✓	✓					✓	✓							
Bend Testing		✓	✓		✓		✓	✓	✓							
Rockwell Hardness		✓	✓			✓		✓	✓							
Microhardness	✓	✓	✓			✓		✓	✓							
Durometer Hardness		✓	✓					✓	✓							
Microscopy	✓		✓			✓	✓	✓	✓	✓	✓	✓	✓	✓		✓
Metallographic Capabilities	✓		✓			✓	✓	✓	✓							
Fractography	✓		✓													
CNC Machining Capabilities		✓	✓					✓	✓						✓	
Optical Emission Spectrometry	✓		✓	✓				✓	✓							
Scanning Electron Microscope	✓					✓				✓	✓	✓				✓
Energy Dispersive Spectrometry	✓			✓						✓	✓	✓	✓	✓		✓
Real-Time X-Ray	✓		✓			✓		✓	✓	✓	✓	✓				✓
X-Ray Florescence Spectrometry				✓						✓	✓	✓	✓	✓		✓
Partial Impact Noise Detection										✓	✓	✓				
Fine/Gross Leak Testing										✓	✓	✓				
Internal Examination										✓	✓					✓
Terminal Strength												✓				
Die Shear											✓					
Bond Strength											✓					
Cross Sectioning										✓	✓			✓		
IR Thermography										✓						
Temp/Humidity Chambers			✓					✓		✓		✓	✓	✓	✓	
Thermal Vacuum															✓	
Electrical Measurements										✓	✓					
High Frequency Spark Test													✓			
Wire Coldbend													✓			
Cable Coldbend													✓			
Wrapback													✓			
Insulation Shrinkage													✓			
Cross Link Verification													✓			
Plating Coverage													✓			
Thermal Shock												✓		✓		
Dielectric Thickness														✓		
Plating Thickness														✓		
Lamination Inspection														✓		
Plated Through Hole Integrity														✓		