## DCS Electronics, Inc Capabilities Matrix 1911 Big Springs Road Maryville, TN 37801

865-982-9517(V), 865-982-7832 (F) www.dcsfabshop.com

	Industry	Primary Metal	Automotive	Dairy/Food	Life Sciences	Commercial	Federal Prime	Architectural	Chemical	Nuclear Power	Security
Certifications	<ul> <li>UL 508A Certified Facility</li> <li>ISO 9001:2008 Quality Program</li> <li>NQA-1:2008 Quality Program</li> <li>AWS Certified Welding Inspectors and Instructor</li> <li>SBA Certified Minority Woman Owned Small Manufacturing Business (8a Program graduate)</li> <li>TMSDC Certified Woman Owned Manufacturer</li> <li>Siemens Panel Shop Partner</li> <li>Q-Cleared Instrumentation and Controls Engineer</li> </ul>										
Manufacturing Support	<ul> <li>Solidworks 3-D Design Software</li> <li>Auto-CAD Electrical Design Software</li> <li>Resourcing/ Partnership Capabilities</li> <li>AWS Certified Welders</li> <li>AWS Certified Inspectors</li> <li>Laser cutting/machining</li> <li>Orbital Welding</li> <li>Final Assembly and Inspection</li> </ul>										
Capabilities	<ul> <li>Build to Print (including Specifications)</li> <li>Design-Build to functional specification</li> <li>Prototype design/build</li> <li>Prototype-to-production design/build</li> <li>Custom design/manufacture of electrical/electronic products for industry</li> <li>Certified as-built documentation packages</li> <li>Reverse Engineering</li> </ul>	V V V V	√ √	√ √	٧	√ √ √	V V V V	٧	√ √ √	>	√ √ √ √ √
Powder Coat Industrial Finishing	<ul> <li>Standard RAL finishes</li> <li>Specialty colors and finishes</li> <li>Multiple Color Applications</li> <li>Batch Process for large sized fabricated shapes and products</li> </ul>	√ √ √	√ √ √	<b>∀</b>	<b>∀ ∀</b>	<b>∀</b>	√ √ √	<b>∀</b>		<b>∀ ∀</b>	<b>√ √</b>
Industrial Products	<ul> <li>Custom Production Equipment (design-build, build to specification)</li> <li>Specialty machines design-build from functional specification</li> <li>Vacuum Systems (welded)</li> <li>Pneumatic Systems (welded and swage)</li> <li>Plant Floor Operator Consoles/Workstations (NEMA, Purged, Pressurized)</li> <li>Cryogenic Freezers</li> <li>SST Vapor Degreaser</li> <li>Test Benches for Quality Assurance</li> <li>Security Traffic Control Gates (including control system)</li> </ul>	√ √	v v	v v	V	V V V	V V V	V	v v		٧

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Panel Shop	<ul> <li>PLC Panels (Design-Build, Build to Specification/Print)</li> <li>Electrical panels</li> <li>Motor Control Centers</li> <li>Furnace Control Panels</li> <li>PC Board Products</li> <li>Specialty Cables</li> <li>Commercial Dedication (nuclear)</li> </ul>	\ \ \ \ \ \ \ \	V V V	√ √	٧	V V V	V V V		V V	<b>&gt;</b> >	√ √
Fabrication	<ul> <li>Laser Engraving/Gravoply and plastics</li> <li>Exotic Metals Welding</li> <li>Cosmetic SST Finishing</li> <li>NEMA Style Enclosures</li> <li>Seismically Certified Enclosures</li> <li>Control Room Consoles /Central Control Rooms (Design-Build, Build to Specification)</li> <li>Custom Design Architectural Features</li> <li>Stainless Steel Fabrication/ Finishing (Ticket Counters, Displays, handrail systems)</li> <li>Custom Architectural Signage</li> <li>Brass Shims (Centrifuge)</li> <li>Commercial Dedication (nuclear)</li> </ul>	V V V V	V V	V V	V V V	V V	V V V V	v v v	V V	<b>&gt;&gt;&gt;</b>	<b>V</b>
Controls Instrumentation	<ul> <li>Stand-Alone (Outdoor) Monitoring Shelters</li> <li>Process Skids and panels</li> <li>PLC Control Systems</li> <li>Test Stands</li> <li>Custom Electronics</li> <li>Vacuum Systems</li> <li>Process Skids and panels</li> <li>Instrumentation Panels</li> <li>Glove Box Controls and Instrumentation</li> <li>Cryogenic Systems</li> </ul>	√ √ √	V V V			٧	V V V V		√ √	√	٧
Professional Affiliations	<ul> <li>American Welding Society</li> <li>American Glovebox Society</li> <li>Instrument Society of America</li> <li>American Society of Quality Managers</li> <li>IEEE</li> <li>Instrument Society of America</li> </ul>										
Community Partner	<ul> <li>ROC (Reaching Out in Our Community) Program</li> <li>Blount Chamber of Commerce</li> <li>Univ. of Tennessee Center for Industrial Services</li> <li>East Tennessee Economic Council</li> </ul>										