



SCOPE OF ACCREDITATION

Electronics

Midcon Cables Company, Inc. - CHA
2500 Davis Boulevard
Joplin, MO 64804

This certificate expiration is updated based on periodic audits. The current expiration date and scope of accreditation are listed at: www.eAuditNet.com - Online QML (Qualified Manufacturer Listing).

In recognition of the successful completion of the PRI evaluation process, accreditation is granted to this facility to perform the following:

AC7121 Rev D - Nadcap Audit Criteria for Electronics Cable and Harness Assemblies (to be used on audits on/after 2 April 2017) (CANNOT BE COMBINED WITH AC7119 or AC7120)

- 03– Company Information (mandatory)
- 04– General (mandatory)
- 05– Process Control (mandatory)
- 06– Personnel Qualification (mandatory)
- 07– Visual Acuity (mandatory)
- 08– Tools and Equipment (mandatory)
- 09– Electrostatic Discharge (ESD)
- 10– Magnification and Lighting (mandatory)
- 11– Storage, Handling, and Material Control of Parts and Hardware (mandatory)
- 12– Rework (mandatory)
- 13.1– Wire Preparation and Stripping: Wire Preparation (mandatory)
- 13.3– Wire Preparation and Stripping: Mechanical Wire Stripping
- 13.4– Wire Preparation and Stripping: Thermal Wire Stripping
- 13.5– Wire Preparation and Stripping: Wire Stripping Requirements (mandatory)
- 14– Soldering
- 15– Crimping
- 17.1– Splices: General
- 17.2– Splices: Solder Splices
- 17.3– Splices: Crimp Splices
- 18.1– Connectorization: Connector Hardware Mounting
- 18.2– Connectorization: Connector Strain Relief
- 18.3– Connectorization: Assembly of Sleeving and Boots to Connector Bodies

- 18.4– Connectorization: Connector Damage
- 18.5– Connectorization: Installation of Contacts and Sealing Plugs into Connectors
- 19– Molding
- 20– Potting
- 21– Cable Assemblies / Wire Measurement (mandatory)
- 22– Marking / Labeling (mandatory)
- 23.1– Coax and Twinax: Soldering and Crimping of Coax and Twinax Connector Assemblies
- 23.2– Coax and Twinax: Solder Ferrule Pins
- 24.1– Wire Bundle Securing: General
- 24.2– Wire Bundle Securing: Securing Using Lacing Tape
- 24.3– Wire Bundle Securing: Securing Using Tie Wraps
- 25.1– Electrical Shielding: Braided
- 25.2– Electrical Shielding: Shield Terminations – Solder Sleeve Devices
- 25.5– Electrical Shielding: Shield Termination – Splicing
- 25.6– Electrical Shielding: Tapes – Barrier and Conductive, Adhesive and Nonadhesive
- 26.1– Protective Coverings: General
- 26.2– Protective Coverings: Braid – Direct Applied
- 26.3– Protective Coverings: Braid – Prewoven
- 26.4– Protective Coverings: Sleeving / Shrink Tubing
- 26.5– Protective Coverings: Spiral Plastic Wrap Sleeving
- 26.7– Protective Coverings: Tapes, Adhesive and Nonadhesive
- 27– Finished Assembly
- 29.1– Testing: General
- 29.2– Testing: Electrical Testing
- 29.3– Testing: Mechanical Testing