



REVISION HISTORY

<u>REV</u>	<u>DATE</u>	<u>ORIGIN</u>	<u>REASON FOR CHANGE(S)</u>
A	22-Oct -2013	Brenda Garver	New
B	30SEP16	Eric Steif	Added clarification language to COC requirements
C	5/04/18	Daniel Crouse	Added PCN language

Q-CODE Q36 QUALITY REQUIREMENTS

For Automotive products with IMDS traceability requirements

The following are the quality requirements for product purchased under Q-code Q36. Unless, a written waiver is received from Plexus, the supplier agrees to abide by the quality requirements listed below.

1st Shipment - The documentation and quality requirements for the 1st shipment are as follows:

- A. Certificate of Compliance. – Must include a statement of overall compliance to all the applicable specifications (statement is not required to list, but shall cover all the applicable specifications such as; drawing, PO, customer specifications, Plexus G9000-3, IPC specification, etc). It also must include the following traceability information:
 - Name of Supplier (if different than the actual OEM)
 - Name of Manufacturer
 - Manufacturer's Part Number
 - The Lot # and/or Date Code (both preferred, but date code at a minimum) for each shipment – COC and packing slip must contain each lot and/or date code ₁
 - Plexus part number ordered on the PO
 - EC level or Revision level as specified on the PO for the Plexus part number ordered
 - Plexus PO number
 - Bar coding this information in 39 or 128 format is optional

- B. IMDS (International Material Data System) – Material declaration including information that is broken down to materials and basic substance which consists of either pure elements or common compounds. The declaration shall also include:
 - The basic substances should each have CAS # (Chemical Abstracts Service).
 - List the mass of each substance and /or percentage of the substance as it relates to the material.
 - The total mass of components should be listed in metric form (kg, g, or mg). At least 90% of each material must be declared, with 10% being described as misc., flame retardant, additive, or other unspecified, not to declare, secret, or proprietary.

Submittal shall be thru the electronic IMDS system

- If your company participates in IMDS, they may compile and submit the documentation directly through IMDS to Plexus Corp. (IMDS # 130838).

Or

Submittal shall be thru a paper record

- Plexus Corp. will also accept submissions by email or with the shipment, usually in Excel or PDF format.

- C. Electrical Testing Certificate – Any time a part or assembly has a specific electrical test requirement, it must be electrically tested. Proof of testing conformance to the testing requirement shall be provided by including the test data, a test stamp and/or a test certificate.
- D. Quality Code 22 Requirements – For all shipments of PCBs the requirements of Q22 must also be fulfilled.
- The supplier agrees to abide by the quality requirements outlined in the Production Part Approval Process (PPAP). See Q Code Q30.
 - Contact the appropriate SQE for submission level requirements and Special Characteristics that are critical to quality.
- E. Quality Code 3 Requirements – For all shipments of Custom Engineered Components the requirements of Q3 must also be fulfilled.
- F. All cartons, packing slips and certificates must have part number, EC level or revision, quantity and P.O. number listed on them.

Subsequent Shipments - The documentation and quality requirements for each subsequent shipment will be as follows:

- A. Certificate of Compliance. – Must include a statement of overall compliance to all the applicable specifications (statement is not required to list, but shall cover all the applicable specifications such as; drawing, PO, customer specifications, Plexus G9000-3, IPC specification, etc).
- B. Electrical Testing Certificate – Any time a part or assembly has a specific electrical test requirement, it must be electrically tested. Proof of testing conformance to the testing requirement shall be provided by including the test data, a test stamp and/or a test certificate.
- C. Quality Code 22 Requirements – For all shipments of PCBs the requirements of Q22 must also be fulfilled.
- D. Quality Code 3 Requirements – For all shipments of Custom Engineered Components the requirements of Q3 must also be fulfilled.

The above listed documentation must be submitted with each shipment. Any shipment received without this documentation will be considered defective.

1 The minimum-required date code format shall identify the 2-digit workweek, 2-digit year (WWYY). If the component marking contains a lot and/or date code, then those markings must be traceable to the COC. Shipments of multiple lot and/or date codes must be identified separately on the COC with the actual quantity shipped for each. Each lot and/or date code shall be independently packaged (i.e., no mixed lot/date codes within a package: reels, trays, tubes, bags, etc.).



Product change notification

Upon acceptance of conforming product, documentation, and the requirements of this Q-code, the supplier's manufacturing process shall be considered "qualified". All changes require written approval from Plexus prior to implementation. Product or Process change notification requests (PCNs) shall be submitted to pcns@plexus.com.