

REVISION HISTORY

<u>REV</u>	<u>DATE</u>	<u>ORIGIN</u>	<u>REASON FOR CHANGE(S)</u>
A	2/08/94	Troy Thede	New
B	4/03/97	Rob Olson	New Word format
C	7/22/02	Scott M. Ubl	New format
D	5/04/18	Daniel Crouse	Added PCN language

Q-CODE Q1B QUALITY REQUIREMENTS

The following are the quality requirements for product purchased under Q-code Q1B which have been approved for production. Unless a written waiver is received from Plexus, the supplier agrees to abide by the quality requirements listed below.

1st/2nd Shipment - The documentation and quality requirements for the 1st and 2nd shipment of parts are as follows:

- A. Capability Study - The supplier will sample 30 pieces prior to shipment. From these pieces the supplier will perform a capability study on all customer designated CTF dimensions; calculating X-bar, Sigma, Cp and Cpk values and submitting all associated data to customer. Any Cp value less than 2.00 and any Cpk value less than 1.50 must be approved by Plexus in writing before product can be shipped.
- B. Material Certification.
- C. Certificate of Compliance.
- D. X-bar and R Charts - The supplier will monitor in-process control parameters via X-bar and R Charts. Out of control points should have process corrections indicated on the chart. Any chart that has had process corrections and does not show control regained must be approved by Plexus in writing before product can be shipped.
- E. All cartons, packing slips and C.O.C.'s must have part number, EC level or revision, quantity and P.O. number listed on them.

Subsequent Shipments - If the 1st and 2nd shipments were defect free, the documentation and quality requirements for all subsequent shipments will be as follows:

- A. Material Certification.
- B. Certificate of Compliance.
- C. X-bar and R Charts - The supplier will monitor in-process control parameters via X-bar and R Charts. Out of control points should have process corrections indicated on the chart. Any chart that has had process corrections and does not show control regained must be approved by Plexus in writing before product can be shipped.
- D. All cartons, packing slips and C.O.C.'s must have part number, EC level or revision, quantity and P.O. number listed on them.

The above listed documentation must be submitted with each shipment. Any shipment received without this documentation will be considered defective. A defect found in a shipment will require the supplier to move to the preceding quality requirement level.



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.