

Purchase Order Quality Assurance Note Codes

This document is an integral part of the contract (purchase order), which calls it out. The revision in effect at the time the purchase order was placed applies.

Q1 – Certificate of Conformance

Material supplied on this purchase order shall be accompanied by a Certificate of Conformance. The certificate shall state that the manufacturer has performed all required inspections and that the delivered items meet all of the requirements of the BLE purchase order. The C of C must include the following information as a minimum:

1. Original manufacturer's and/or distributor's (or Service Provider's) name and address.
2. Purchase order number.
3. Blue Line Engineering and/or manufacturers Part number, revision, and quantity (if applicable).
4. Drawing or specification number and revision if different than the Blue Line Engineering part number and revision.
5. Serial number(s) or date code(s) or lot/batch/heat number(s) (as applicable).
6. Authorized agent's signature, title and date.

The Seller shall also retain the C of C and all relevant supporting data on file for a period of 5 years at which time Buyer will be contacted for final disposition instructions.

Q2 – Certificate of Special Processes

Certificate of conformance and results of any special processes (plating, anodizing, chemfilm, etc.) performed must be provided. Each report shall positively identifiable to the lot shipped and must show composition and purity of chemicals in percent, or other industry standard units. The C of C must include the following information as a minimum:

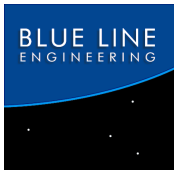
1. Supplier's name and address.
2. Purchase order number.
3. Blue Line Engineering and/or manufacturers Part number, revision, and quantity (if applicable).
4. Drawing or specification number and revision if different than the Blue Line Engineering part number and revision.
5. Serial number(s) or date code(s) or lot/batch/heat number(s) (as applicable).
6. Authorized agent's signature, title and date.

Q3 – Raw Material Chemical/Physical Test Reports

Certificate of conformance and results of test performed on raw material must be provided. Each report shall positively identifiable to the lot shipped and must show composition and purity of chemicals in percent, or other industry standard units.

Q4 – Lot / Date Code Information

Manufacturer's Lot and Date Code shall be provided for each line item or part number shipped. If this requirement cannot be complied with, Seller shall notify the BLE prior to acceptance of the order.



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Q5 – Single Lot Date Code

Each line item or part number shipped shall consist of only one coded lot. If this requirement cannot be complied with, Seller shall notify the BLE prior to acceptance of the order.

Q6 – Date Code Limitation

EEE parts must have a date code of less than 3 years old from the date of shipment.

Q7 - Final Inspection Report

Any line item to be delivered against this purchase order shall be inspected to the extent required to provide objective, written evidence of its conformance to purchase order requirements. All inspections required to prove full conformance of a line item to purchase order requirements must be recorded in writing and provided with each shipment.

The exact format of the submitted data may be in the Seller's format, but shall contain the following minimum information:

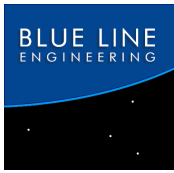
1. Seller's name
2. BLE's part number and purchase order number and revisions
3. Drawing revision
4. Number of items in lot
5. Number of items inspected
6. Lot number and date code
7. A summary listing of all (drawings notes where applicable), drawing dimensions & process requirements (attributes) and their corresponding tolerance limits.
8. Inspector identification

Q8 - Limited Shelf-life Certification

A limited shelf-life certification shall be provided for each line item or part number shipped. Material shall not have exceeded more than 30% of its life prior to shipment. If this requirement cannot be complied with, Seller shall notify the BLE prior to acceptance of the order.

Q9 – Test Data Report

Any line item to be delivered against this purchase order shall be tested to the extent required to provide objective, written evidence of its conformance to purchase order requirements. All tests required to prove full conformance of a line item to purchase order requirements must be recorded in writing and provided with each shipment.



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The exact format of the submitted data may be in the Seller's format, but shall contain the following minimum information:

1. Seller's name
2. BLE's part number and purchase order number and revisions
3. Test procedure and revision
4. Number of items in lot
5. Number of items tested
6. Lot number and date code
7. A summary listing of all test requirements, their corresponding tolerance limits, and test actual test results.
8. Test technician identification

Q10 – Space Data Pack

A Space Data Pack must be delivered for each item on this purchase order as specified in the BLE source control documentation and/or as specified in the Manufacturer's specification. The exact format of the submitted data may be in the Seller's format, but shall contain the following minimum information:

1. Seller's name
2. BLE's part number and purchase order number and revisions
3. Test procedure and revision
4. Number of items in lot
5. Number of items tested
6. Lot number and date code
7. A summary listing of all test requirements, their corresponding tolerance limits, and test actual test results.

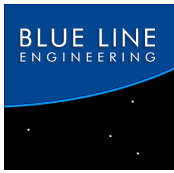
Q11 – First Article Inspection

Seller shall conduct a complete First Article Inspection on one part chosen from the first deliverable lot of the initial purchase order. The part shall be a representative sample of the Seller's manufacturing process. A copy of the First Article Inspection shall accompany the shipment of parts or assemblies.

Q12 - BLE Source Inspection

Seller shall not ship items without inspection by a BLE. Quality Representative. Seller shall notify the BLE Quality Representative or Purchasing Agent of his readiness for inspection within at least (5) working days in advance of the required activity.

The inspection provided herein shall not constitute final acceptance of the items and shall not modify or limit any representations, warranties, or commitment made elsewhere or in any way affect the obligations of the Seller to perform strictly in accordance with the provisions of the purchase order.



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Q13 – Prohibited Materials

For Electronic, Electrical, and Electromagnetic (EEE) parts, connectors and contacts, mechanical parts and platings, tin plating as a finish coat must contain at least 3% lead (Pb) by weight. For cadmium and zinc containing samples, each must be less than or equal to 5% by weight, or a surface plating of either nickel or copper of customer approved thickness covers the cadmium or zinc. Requirements are as specified in MIL-STD-1580, Requirement 9.

Q14 – Special Processes

Any supplier or sub-tier supplier performing plating, surface finishing or conditioning shall be approved by NADCAP for the process being performed or must be approved for use by BLE. BLE QA code Q2 also applies.

Q15 – M&TE Calibration

Calibration acknowledgement: Calibration shall be performed with NIST traceable standards. A certificate of calibration is required for each unit. Full data is only reported if instrument is found out of tolerance.

Repair cost approvals: Written authorization is required by Purchase Order revision for repair costs totaling more than \$50.