

EIT, LLC Quality Assurance Provisions

The Following QAPs (Quality Assurance Provisions) are applicable to all EIT, LLC suppliers of component parts, raw materials, services, etc. (Latest revision changes are in BLUE)

100 Series

QAP 101 Certificate of Compliance

All shipments from the Supplier shall include a certificate of compliance (C of C) stating that the supplied parts are manufactured in compliance to applicable drawings/documentation and any other specific requirements on the Purchase Order. As a minimum the information on the certificate shall include the EIT Purchase Order number, EIT part number(s), revision level per EIT PO, date of shipment, the quantity of the shipment and a statement of conformance. This certificate shall be signed by a responsible representative of the supplier's firm.

QAP 102 Marking of Shipping Containers

All product received from the seller must be in a container(s) identifying the proper EIT, LLC address as well as the return address of the seller. If more than one container is used, each container will be clearly marked with the number of boxes in the shipment (i.e. 1of 2, 2 of 2, etc.). A packing slip will accompany all shipments with all associated part numbers clearly identified as well as the associated EIT, LLC Purchase Order number.

QAP 103 Supplier FAIR / Inspection Report

All 1st time shipments of a fabricated part, or a new revision level for an existing part from the supplier shall include a First Article Inspection Report (FAIR) verifying all of the dimensions and characteristics of the top level assembly and any sub parts (if applicable).

All consecutive lots of a fabricated part for that revision level shall include an inspection report verifying the critical dimensions and characteristics of the top level assembly and any sub parts (if applicable).

These certificates shall be signed by a responsible representative of the supplier's firm.

QAP 104 Handling, Storage and Packaging

All items shall be packaged in such a way as to prevent any damage during shipment to EIT.

QAP 105 Right of Access

Supplier shall provide right of access to EIT, LLC, any 3rd party representing EIT, EIT's customer and any associated regulatory authorities to applicable areas of all facilities at any level of the supply chain. This access is applicable to all records pertaining to items purchased by EIT, LLC.

QAP 106 Nonconforming Product

The supplier will notify EIT, LLC of any nonconforming product. The supplier shall not disposition nonconforming product as "use-as-is", rework or repair without written authorization from EIT, LLC and/or our customer. The supplier shall not knowingly ship any nonconforming product without prior approval from EIT, LLC. When authorized, any nonconforming product shipped to EIT shall be clearly identified and segregated from all other conforming product.

NOTE: Any Nonconforming product found upon receipt/Incoming Inspection may be shipped back to the supplier at their expense or reworked at the discretion of EIT, LLC. Any associated rework costs will be negotiated with the supplier.

QAP 107 Flow Down Requirements

All EIT suppliers are required to flow down all applicable requirements from EIT, LLC to sub-suppliers and sub-tier suppliers. These requirements include but are not limited to customer specific requirements, EIT specific requirements, ITAR requirements, regulatory requirements, any Quality Assurance Provisions required of the original supplier, etc.

QAP 108 Workmanship

Items supplied shall confirm to workmanship standard(s) as specified in the drawing or other applicable documentation (IPC/ANSI or any other industry acceptable standard). Any deviation from the acceptability criteria shall be reviewed and approved with EIT prior to shipment of product.

QAP 109 EIT, LLC Audit

All suppliers are subject to initial and subsequent audits of their facilities and applicable documentation as part of the initial and subsequent approval process. These audits may be performed by EIT, a third party contracted by EIT or a combination of EIT, regulatory agency or our customer.

QAP 110 Change Notification

The Supplier shall notify EIT of any process change, facility change or sub-contractor change after initial approval of a product. Vendor shall notify EIT of any changes in their Quality Management System including cancellation, suspension or certified to any other QMS after the initial approval of the supplier. Suppliers shall also notify EIT, LLC of mergers and/or acquisitions, changes in ITAR registration status, FDA registration status and any other regulatory changes.

QAP 111 Conflict Free Materials and Components

Regardless of whether or not your company is listed on a U.S. Stock Exchange and subject to U.S. Securities and Exchange Commission (SEC) regulations, all components and/or materials supplied to EIT, LLC containing "conflict minerals" as defined in section 1502e(4) of the Dodd-Frank Wall Street Reform and Consumer Protection Act within 17 CFR Parts 240 and 249b must meet all reporting requirements and be disclosed annually on or before established dates in accordance with this U.S. law. These requirements flow down from EIT, LLC customers who are subject to SEC regulations to all EIT suppliers.

QAP 112 REACH & RoHS Certificate

See "Supplier Environmental Compliance Requirements" at http://www.eit.com.

QAP 113 Record Retention

Supplier shall retain records for all production lots for a minimum of 5 year period from the date of manufacture or for a contractually agreed upon span of time. Records may include but not be limited to information on production / process method, lot/job number, storage condition, process/test verification, chemistry and final inspection.

- **NOTE:** EIT, LLC may choose to have all supplier records for a particular product sent to EIT for storage. In these cases EIT will be responsible for the applicable customer requirements for record retention.
- QAP 114 ******For future use******

Additional Requirements for Printed Circuit Board Manufacturers (QAP 116 - QAP 122 Below)

QAP 115 Printed Circuit Boards – Curing and Scoring

- All PCB manufacturers must comply with the following two (2) documents (found at www.eit.com):
- 1) EMS-W0018, Web Thickness of Scored PCBs
- 2) EMS-W0041, Guideline for Pre-Shipment UV (Ultra Violet) Curing of Solder Mask on EIT PCBs

QAP 116 Printed Circuit Boards – Packaging

All PCBs (Printed Circuit Boards) must be in sealed packaging and have a proper amount of desiccant inside the package to prevent moisture from being absorbed into the boards. A humidity indicator card will also be placed inside of each package to indicate that the moisture level is acceptable.

NOTE: PCBs that arrive without proper packaging will either be sent back to the supplier at their expense to be baked and re-packaged or will be baked at EIT at the supplier's expense. A minimum charge of \$50 will be applied for baking at EIT.

QAP 117 Solder Samples (Bare Printed Circuit Boards)

EIT requires two (2) **PANELs** as a solder sample available to use for any new part number, revision or date code. The solder sample **PANEL** must be clearly labeled and bagged separately with a "Solder Sample" label on the bag. All successive date codes must also be accompanied by a single "Solder Sample" packaged separately and labeled.

QAP 118 Reports

Test reports are required with each shipment to include Material Certification Report, Ionic Contamination Report and a Cross Section Report.

QAP 119 Test

Unless otherwise noted, a 100% electrical test of all nets must be performed on all Printed Circuit Boards. A test stamp or identifying test mark must be placed on each PCB denoting that the board was 100% net tested. Either the test stamp or manufacturing records should identify the test employee.

QAP 120 RoHS Certification

The supplier shall certify in writing that the product(s) being sold are compliant to the RoHS 2

QAP 121 Fabrication Site

There shall be no deviation from the approved manufacturing site for supplied material. The supplier will not "off load" work to a sister facility or to a sub supplier without written approval from EIT, LLC.

QAP 122 PCB Panel Drawing

Any new Printed Circuit Board panel Drawing developed for EIT by a supplier must be approved, in writing, by EIT, LLC Engineering and Purchasing prior to fabrication.

200 Series

QAP 201 Certificate of Compliance

All shipments from the Supplier shall include a certificate of compliance (C of C) stating that the supplied parts are manufactured in compliance to applicable drawings/documentation and any other specific requirements on the Purchase Order. As a minimum the information on the certificate shall include the EIT Purchase Order number, EIT part number(s), revision level per EIT PO, date of shipment, the quantity of the shipment and a statement of conformance. This certificate shall be signed by a responsible representative of the supplier's firm.

Note: Suppliers shall not substitute manufacturer's part number.

QAP 202 Marking of Shipping Containers

All product received from the seller must be in a container(s) identifying the proper EIT, LLC address as well as the return address of the seller. If more than one container is used, each container will be clearly marked with the number of boxes in the shipment (i.e. 1of 2, 2 of 2, etc.). A packing slip will accompany all shipments with all associated part numbers clearly identified as well as the associated EIT, LLC Purchase Order number.

QAP 203 Counterfeit Parts Prevention

- Seller represents that only new and authenticated parts/components are used in products being delivered to EIT. The seller will only supply parts/components that are sourced directly from the Original Equipment Manufacturer (OEM) or through the OEM's authorized distribution chain. There will be no exceptions unless otherwise noted on the EIT issued purchase order.
- Upon request, the seller must provide EIT with documentation that authenticates traceability of the part/component to the OEM.
- The seller shall flow down the above CPP requirements to <u>all levels</u> of its subcontractors and suppliers.

QAP 204 Product Handling, Storage and Packaging

All items supplied by the vendor shall be packaged in the manufacturer's original packaging. All repackaged items shall comply with the packaging requirements from the manufacturer to prevent any damage during shipment to EIT. The Supplier shall adhere to the media of packaging if any is specified on the Purchase Order.

QAP 205 ESD (Electrostatic Discharge)

Suppliers of ESD sensitive devices are required to be compliant to ANSI/ESD S20.20. Suppliers that are selling items susceptible to ESD shall ensure that items are packaged per manufacturer's recommendation with appropriate labeling on the outside for handling and storage.

QAP 206 MSDs (Moisture Sensitive Devices)

Suppliers of moisture sensitive devices are required to ensure that all packaging is in accordance with industry accepted practices. All packages shall be labeled with the appropriate MSD sensitivity level.

QAP 207 Shelf Life Data

1) Components – EIT shall NOT accept parts that are stored in uncontrolled environment and/or if the parts are more than 3 years old.

2) Chemicals – For items with limited shelf life, the supplier shall state in writing the manufacturing date code, shelf life or the expiration date. All limited shelf life items shall have a minimum of 80% or more of their shelf life remaining at the time of shipment to EIT.

QAP 208 Record Retention

Supplier shall retain records for all production lots for a minimum of 5 year period from the date of manufacture or for a contractually agreed upon span of time. Records may include but not be limited to information on production / process method, lot/job number, storage condition, process/test verification, chemistry and final inspection.

NOTE: EIT, LLC may choose to have all supplier records for a particular product sent to EIT for storage. In these cases EIT will be responsible for the applicable customer requirements for record retention.

QAP 209 Right of Access

Supplier shall provide right of access to EIT, LLC, any 3rd party representing EIT, EIT's customer and any associated regulatory authorities to applicable areas of all facilities at any level of the supply chain. This access is applicable to all records pertaining to items purchased by EIT, LLC.

QAP 210 Nonconforming Product

The supplier will notify EIT, LLC of any nonconforming product. The supplier shall not disposition nonconforming product as "use-as-is", rework or repair without written authorization from EIT, LLC and/or our customer. The supplier shall not knowingly ship any nonconforming product without prior approval from EIT, LLC. When authorized, any nonconforming product shipped to EIT shall be clearly identified and segregated from all other conforming product. Any Nonconforming product found upon receipt/Incoming Inspection may be shipped back to the supplier at their expense.

QAP 211 Flow Down Requirements

All EIT suppliers are required to flow down all applicable requirements from EIT, LLC to sub-suppliers and sub-tier suppliers. These requirements include but are not limited to Customer specific requirements, EIT specific requirements, ITAR requirements, regulatory requirements, any Quality Assurance Provisions required of the original supplier, etc.

QAP 212 EIT, LLC Audit

All suppliers are subject to initial and subsequent audits of their facilities and applicable documentation as part of the initial and subsequent approval process. These audits may be performed by EIT, a third party contracted by EIT or a combination of EIT, regulatory agency or our customer.

QAP 213 Part Number(s) and Purchase Orders

The supplier shall **NOT** substitute an alternate part from the same or alternate manufacturer or the manufacturer's part number listed on the EIT, LLC Purchase Order, unless they are provided an amended EIT, LLC. Purchase Order.

600 Series

QAP 601 Certificate of Compliance

All shipments from the Supplier shall include a certificate of compliance (C of C) stating that the supplied parts are manufactured in compliance to applicable drawings/documentation and any other specific requirements on the Purchase Order. As a minimum the information on the certificate shall include the EIT Purchase Order number, EIT part number(s), revision level per EIT PO, date of shipment, the quantity of the shipment and a statement of conformance. This certificate shall be signed by a responsible representative of the supplier's firm.

Note: Suppliers shall not substitute manufacturer's part number.

QAP 602 Conflict Free Materials and Components (See "Supplier Environmental Compliance Requirements" posted on EIT, LLC web site)

Regardless of whether or not your company is listed on a U.S. Stock Exchange and subject to U.S. Securities and Exchange Commission (SEC) regulations, all components and/or materials supplied to EIT, LLC containing "conflict minerals" as defined in section 1502e(4) of the Dodd-Frank Wall Street Reform and Consumer Protection Act within 17 CFR Parts 240 and 249b must meet all reporting requirements and be disclosed annually on or before established dates in accordance with this U.S. law. These requirements flow down from EIT, LLC customers who are subject to SEC regulations to all EIT suppliers.

QAP 603 REACH & RoHS Certificate

See "Supplier Environmental Compliance Requirements" at http://www.eit.com.

QAP 604 Approved Broker

Supplier shall provide one copy of certification plus the supporting documentation verifying the conformance of the product to the criteria listed below for all shipments.

- Not refurbished Shall certify that the parts are not refurbished
- <u>Electrical Testing</u> EIT reserves the right to return the parts to vendor at their expense for replacement or credit if found defective during assembly and/or test process.
- <u>External Visual Inspection</u> Shall include verification of part marking, orientation of the parts in the media & leads in alignment (co planarity).
- <u>Solderability Test</u> Shall test the leads for wetting of solder.
- X-ray Inspection Shall verify the bond wiring against a known genuine part
- <u>Baking</u> All parts shall be baked for a period of 48 hours at 125° C or per manufacturer's recommendation. Parts sensitive to moisture shall be repackaged and labeled with the appropriate MSL per manufacturer's recommendation or per J-STD-033 standard.
- <u>Proper packaging media</u> Parts shall be packed with appropriate media to prevent damage during shipping & handling, ESD and Moisture. Preferred media for SMT parts are tape & reel or matrix tray.
- Programming & Labeling if applicable
- <u>ROHS test</u> if applicable

Certificate and supporting documentation shall identify the EIT Purchase Order number and the part numbers covered by the test report. Certificate shall be signed by a responsible representative of supplier's firm or testing facility. Items received without certification may be rejected and returned at supplier's expense.

QAP 605 Marking of Shipping Containers

All product received from the seller must be in a container(s) identifying the proper EIT, LLC address as well as the return address of the seller. If more than one container is used, each container will be clearly marked with the number of boxes in the shipment (i.e. 1of 2, 2 of 2, etc.). A packing slip will accompany all shipments with all associated part numbers clearly identified as well as the associated EIT, LLC Purchase Order number.

QAP 606 Right of Access

Supplier shall provide right of access to EIT, LLC, any 3rd party representing EIT, EIT's customer and any associated regulatory authorities to applicable areas of all facilities at any level of the supply chain. This access is applicable to all records pertaining to items purchased by EIT, LLC.

QAP 607 Handling, Storage and Packaging

All items supplied by the vendor shall be packaged in the manufacturer's original packaging. All repackaged items shall comply with the packaging requirements from the manufacturer to prevent any damage during shipment to EIT. The Supplier shall adhere to the media of packaging if any is specified on the EIT P. O.

QAP 608 ESD (Electrostatic Discharge)

Suppliers of ESD sensitive devices are required to be compliant to ANSI/ESD S20.20. Suppliers that are selling items susceptible to ESD shall ensure that items are packaged per manufacturer's recommendation with appropriate labeling on the outside for handling and storage.

QAP 609 MSDs (Moisture Sensitive Devices)

Suppliers of moisture sensitive devices are required to ensure that all packaging is in accordance with industry accepted practices. All packages shall be labeled with the appropriate MSD sensitivity level.

QAP 610 Shelf Life Data

- 1) Components EIT shall NOT accept parts that are stored in an uncontrolled environment and/or if the parts are more than 3 years old, without written approval from EIT, LLC.
- 2) Chemicals For items with limited shelf life, the supplier shall state in writing the manufacturing date code, shelf life or the expiration date. All limited shelf life items shall have a minimum of 80% or more of their shelf life remaining at the time of shipment to EIT.

QAP 611 Nonconforming Product

The supplier will notify EIT, LLC of any nonconforming product. The supplier shall not disposition nonconforming product as "use-as-is", rework or repair without written authorization from EIT, LLC and/or our customer. The supplier shall not knowingly ship any nonconforming product without prior approval from EIT, LLC. When authorized, any nonconforming product shipped to EIT shall be clearly identified and segregated from all other conforming product. Nonconforming product found at EIT receiving/Incoming Inspection may be shipped back to the supplier at their expense.

QAP 612 Flow Down Requirements

All EIT suppliers are required to flow down all applicable requirements from EIT, LLC to sub-suppliers and sub-tier suppliers. These requirements include but are not limited to Customer specific requirements, EIT specific requirements, ITAR requirements, regulatory requirements, any Quality Assurance Provisions required of the original supplier, etc.

QAP 613 EIT, LLC Audit

All suppliers are subject to initial and subsequent audits of their facilities and applicable documentation as part of the initial and subsequent approval process. These audits may be performed by EIT, a third party contracted by EIT or a combination of EIT, regulatory agency or our customer.

QAP 614 Part Number(s) and Purchase Orders

The supplier shall **NOT** substitute an alternate part from the same or alternate manufacturer or the manufacturer's part number listed on the EIT, LLC Purchase Order, unless they are provided an amended EIT, LLC. Purchase Order.

QAP 615 Record Retention

Supplier shall retain records for all production lots for a minimum of 5 year period from the date of manufacture or for a contractually agreed upon span of time. Records may include but not be limited to information on production / process method, lot/job number, storage condition, process/test verification, chemistry and final inspection.

NOTE: EIT, LLC may choose to have all supplier records for a particular product sent to EIT for storage. In these cases EIT will be responsible for the applicable customer requirements for record retention.

QAP 616 Untested broker

The supplier shall certify that the parts are to manufacturer's specification, not refurbished and are packed per industry approved standards. Final approval of parts shall be based on further testing by EIT process engineering for lead forming, solderability and originality of the part.

Additional Requirements (As may be listed on the EIT, LLC Purchase Order)

QAP 901 Lot Control Components

Items supplied under this Purchase Order shall be considered EIT lot controlled parts when listed as "TRACK LOTS" (in bold) below the part number. If listed the vendor shall record the lot/date code on the part (if applicable), packing slip and all other relevant documentation provided by the supplier.

If not listed the vendor is not obligated to track the lot history.

NOTE: PCB suppliers: The PCBs shall be separated/packed individually by date code and the package shall be labeled on the outside with their respective date code and quantity.

QAP 902 Traceability

All items furnished on this order shall have documentation on file for the life of the product or for the time period specified on the Purchase Order to permit traceability for the delivered item back through its manufacturing and inspection process and to the procurement records on its constituent parts and materials. The vendor shall provide a copy of the record upon request from EIT or regulatory agencies.

These records *shall* be sufficient to prove conformance to all applicable specification and drawings and *shall* provide means for identifying all like Items.

The supplier shall request EIT for disposition of records after the retention period or at the termination of business with supplier.

QAP 903 Chain of Custody Requirements

The supplier shall furnish traceability documentation to support an unbroken chain of custody from the original source of manufacture for all components shipped to EIT under this PO. Purchase orders with this requirement typically require the suppliers to provide Certificate of Conformance/Compliance, shipping/packing slips records to support the unbroken path of the product from the first stage in the supply chain to EIT.

Note: This requirement applies if listed as "*Chain of Custody Required*" below the part number on the EIT Purchase order.

QAP 904 Analysis of Nonconformance

EIT reserves the right to ship any nonconforming product to a 3rd party lab for further analysis. The supplier shall be held responsible for the testing expenses.

QAP 905 Quality System Requirements

The Suppliers Quality Management System shall meet the latest revision and requirements of the following standards (audited by a third party auditor) as indicated by the associated letter on the EIT Purchase Order:

- a. ISO 9001
- b. ISO 13485
- c. AS9100c
- d. ISO 14001
- e. ISO 17025

QAP 906 Calibration Control - Supplier

Supplier's calibration program and procedures shall be in accordance with ISO/IEC 17025 standard. The supplier shall evaluate all items supplied for calibration for acceptability before any adjustment or repairs are made. For items that needs repair, the vendor shall submit a quote requesting approval for repair charges.

All items returned to EIT after calibration shall have a Calibration report identifying the standards used and shall be traceable to NIST standards.

All individual items shall be labeled at a minimum with due date for calibration & shall have tamper seals (aka calibration void sticker) at appropriate locations to prevent any adjustment to the device.

QAP 907 First Piece Inspection

The supplier must provide a sample first item for dimensional and functional approval prior to making production item(s). The supplier is to notify EIT 72 hours prior to the item being ready for approval examination. A detailed inspection report shall accompany the item.

Notes to All Suppliers

On-Time Delivery

Supplier shall be considered ON TIME if they:

- a) Delivery within 5 days prior to the supplier commit date on the P.O. Unless otherwise noted, any shipments arriving earlier than five days will not be received and subject to being returned to the supplier at their cost.
- b) Late deliveries will have an adverse effect on EIT deliveries to our customers. As an EIT approved supplier, every effort should be made to ensure that deliveries are not late. Any late deliveries will affect your Supplier Quality Score which could result in your disqualification as an EIT supplier.

Sampling Plans

EIT shall inspect to industry accepted sampling plans and if the sample fails, we may return the entire lot back to the supplier to segregate the lot for conforming product. The supplier shall be responsible for any shipping and handling cost.

100% Inspection

EIT, LLC will perform 100% inspection when required by the Customer contract or EIT management.

Traceability

Traceability of lot numbers and serial numbers may be required from our distributors. In those instances where traceability is required, QAP 902 will be invoked on the EIT, LLC Purchase Order. Packing slips or other documentation must indicate the required lot number, date code, etc. when requested.

Chemical Deliveries

All chemicals being received at any EIT facility, regardless of size or composition, MUST be accompanied by an MSDS (Material Safety Data Sheet) or an SDS (Safety Data Sheet).

Sample Purchase Order

EIT LLC 108 CARPENTER DRIVE SOME COMPANY ADDRESS STERLING VIRGINIA 20164 Phone: 703-478-0700 • Fax: 703-478-0854 • www.eit.com					
PO Number: 98765	Pu	rchase Order		Page:	1 of 1
Revised: 10/8/2015					
Vendor: Joe Smith ABC COMPANY 100 NOTTINGHAM STREET P. O. BOX 100 EIT LLC ANYWHERE UNITED STATES 05467-0000 STERLING VIRGINIA 20164 UNITED STATES UNITED STATES Phone: 703-123-4567 X890 Fax: 123-456-7890					
Ship Via: UPS Groun	d Order Date	:3/17/2015	Terms:	NET 30	\leq
F.O.B: DESTINAT	ION Prepaid Freigh	t: No	Resale No: 1	2-3456789	
Quote Date: 03/28/15 Quote No.: 1234-r5678 (BP)					
This is an ITAR Order	LOOK FOR PO	SSIBLE ITAR REQUIREME	NTS JUST ABOVE	THE PART NUM	IBER
Line Part Number/Rev/Description	1	Order Qty.	Unit Price	Ext Price	Тах
1 10987654321 / A Blah Blah Blah Assembly		100.00EACH	10.00000/1	3,000.00	No
- Shipping Release Requirement	t- Due Da	ate	Quantity		
	6/15/20		100.00 EACH		
LOOK FOR THE WEB ADDRESS	7/16/20 8/13/20	-	100.00 EACH	LOOK FOR POSSIBLE REGULATOF INFORMATIC IN THIS BLO	ON
HERE					
REFER TO DWG 12 REFER TO PROCU	345678 (assy), 1223456789 (artv REMENT SPEC 987654321	vork), 123456789 (fab)			
ASSY = revA ARTWORK = revC FAB = revA					
Commercial invoice from foreign origin shall be prepared in accordance with 19 CFR 141.86 of the customs regulations.					
EIT, Quality Assuranc tab and then Click on	e Provisions are found at URL "EIT Supplier Requirements".	http://www.eit.com . Click of Your QAP series number is	on the "Manufacturi listed below.	ng Support*	
Vendor QAP Series: 0	AP 1xx 🔸	LOOK FOR YOUR QAP SERIES NUMBER IN THIS AREA			
On time delivery is within five (5) days early, zero (0) days late. All Packing Slips must reference EIT's part number, your part number and EIT's purchase order number. Due date means received date at EIT, not ship date.					
Authorized By: Joe Smith jsmith@eit		Line(s) So Misc. Charge So		3,000.00 0.00	
			Total:	3,000.00	USD
POForm:001:00					