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- 1. PURPOSE:** To explain the steps of how to flow down the applicable Quality Clauses to the supplier on every L&T Purchase Order (PO).
- 2. RESPONSIBILITY:** It is the responsibility of Quality Function to establish the commodity code matrix with required Quality Clauses for each commodity. It is the responsibility of the buyers to include the Quality Clause Stamp on the PO for each commodity being purchased. It is the responsibility of the buyers to purchase one commodity for each PO. It is the responsibility of the buyers to save the Purchase Orders as a record in Supplier's files.
- 3. SCOPE:** Applicable to every purchase order of materials and services issued by L&T Precision.
- 4. LOCATION:**
This Quality Clause is available online, the website address for which is included on PO issued to the supplier.

5. QUALITY CLAUSES:

LT1 Quality Assurance Program

The supplier shall establish, document, implement, and maintain a Quality Assurance (QA) Program that complies with current AS9100 or ISO9001 standards or the QA Program that is previously approved by L&T Precision.

LT2 Right of Access


When indicated on the Purchase Order (PO), the supplier shall grant access to L&T Precision personnel, L&T Precision's customers and regulatory authorities to the applicable areas of all facilities including applicable sub-tiers involved in the PO and to all applicable records pertaining to the PO. This includes verification activities performed by L&T Precision or its customers at the supplier or sub-tier contractor's site.

LT3 Test and Inspection Records

The supplier shall maintain all records of testing and inspection method that is used to accept final products. These records shall be maintained by the supplier for a period of 7 years or per PO requirement. Records that are older than 7 years shall be disposition per Supplier's Quality Management System.

LT4 Test and Inspection Reports

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When required, the supplier shall furnish a complete test and inspection reports to L&T Precision.

LT5 Certificate of Compliance

A Certificate of Compliance (C of C) must be furnished as required and it should include at the minimum all requirements on PO including all applicable specifications or regulatory authorities. Certificate of Compliance must be traceable to the OEM and clear chain of custody from OEM and/or OEM’s authorized distributors.

For Metal Supplier: Mill certification (include chemical and physical test results) IAW PO’s specifications.

LT6 First Article Inspection Report

When required, the supplier shall furnish a complete first article inspection report including all applicable key characteristics. When required on the Purchase Order, the suppliers shall provide samples for Inspections/Verification, Investigation or Auditing.

LT7 Non-Conforming Products

Supplier shall notify L&T Purchasing of all non-conforming products discovered at the supplier. Supplier shall not “repair” or “use as is” without written approval from L&T Quality representative. “Rework” as defined below is allowed.

Rework – Repeating one or more standard processes to correct a non-conformance and bring the discrepant item into full compliance and conformance to specifications and requirements.

LT8 Shelf-Life Item


For any item having a limited shelf-life, the expiration date must be marked clearly and permanently on the label. Unless otherwise instructed, the amount of remaining shelf-life should be a minimum of 80% of the original shelf life at time of delivery to L&T.

LT9 L&T Precision Supplied Products

When products are supplied by L&T Precision, the supplier must notify L&T Purchasing of all non-conforming products that are discovered by the supplier. This includes all external sources that provide calibration services on any L&T Precision Test and Measuring device.

LT10 Changes in Products and/or Process or Manufacturing location

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The supplier shall notify L&T Purchasing of any changes in Products and/or Process definition and/or changes of sub-tier suppliers or manufacturing facility. The supplier shall not proceed without the written approval from L&T Quality Representative.

LT11 Counterfeit Parts Prevention

Certification from the Original Component Manufacturer (OCM), Original Equipment Manufacturer (OEM), franchised distributors or authorized aftermarket manufacturer (AAM) is required. Parts shall not be used or reclaimed and misrepresented as new. Distributors shall, in addition to the aforementioned, include their own company’s certification for each part number shipped.

If evidence of supply chain traceability to the OCM/OEM/AAM is not available, Supplier must notify L&T Precision. L&T Precision will determine risk of use and if their customer needs to be notified to evaluate the risk of using material without pedigree traceability.

LT12 MSDS and TDS

When required, the suppliers shall furnish the MSDS (Material Safety Data Sheet) and the TDS (Technical Data Sheet).

LT13 Conflict Minerals; 3T’s & G (aka 2010 Dodd-Frank Act)

The supplier shall complete the EICC GeSI Conflict Minerals Reporting Template (available for free download at <http://www.conflictreesmelter.org/index.htm>) and return to L&T prior to shipment of materials.

LT14 Unless specified otherwise, suppliers shall use the latest industry specifications.


LT15 The supplier shall apply appropriate control to its suppliers to ensure that requirements are met. Suppliers shall not transfer work nor outsource work to their subcontractors without a prior approval from L&T Quality personnel.

LT16 Supplier shall ensure that personnel performing tasks that affect product quality are competent and appropriate personnel qualification is maintained.

LT17 Supplier shall ensure that its personnel is aware of their contribution to product conformity, product safety and the important of ethical behavior.

LT18 As a result of passage of California’s “Safe Drinking Water and Toxic Enforcement Act of 1986, Proposition 65”, L&T Precision suppliers are hereby required to identify any chemicals on the California list of chemicals known to cause cancer or reproductive toxicity that are contained in any products being shipped/sold in the State of California. Such information may be provided on safety datasheets furnished with seller’s products and/or on Warning labels in an inconspicuous area, which includes a statement concerning the product’s

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carcinogenicity or reproductive toxicity.

A list of currently regulated chemicals is available at
http://www.oehha.ca.gov/prop65/prop65_list/newlist.html


LT19 Prohibited Material (Pure Cadmium, Pure Zinc, Pure Tin)

All constructions and finishes containing pure cadmium or pure zinc are prohibited. In addition, constructions and finishes containing pure tin are prohibited unless they contain a minimum of 3 weight percent lead. The use of lead free solder alloys is not acceptable unless approved by the Buyer. The requirement of this Q-Clause shall be flowed down to any sub tiers utilized in fulfilling the requirements of this PO.

Commodity Code Matrix

Quality Clauses	COMMODITIES									
	Metals	Hardware	Adhesive	Paint	Powder Coat	Weld Consumables	CPV	OP	Calibration	MRO
Product Lines	MS, SM	HW, PF	HW	PA	PA	ZS	EM	Per WO	ZS	All Z
LT1	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
LT2	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
LT3	Yes	Yes	No	Yes	Yes	Yes	No	Yes	Yes	No
LT4	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
LT5	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
LT7	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
LT8	No	No	Yes	Yes	No	No	No	Yes	No	No
LT9	No	No	No	No	No	No	No	Yes	Yes	No
LT10	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
LT11	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
LT12	No	No	Yes	Yes	No	No	No	No	No	No
LT13	Yes	Yes	No	No	No	Yes	No	Yes	Yes	No
LT14	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	No
LT15	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
LT16	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
LT17	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
LT18	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No
LT19	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No

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REVISION HISTORY		
REV	DATE	DESCRIPTION OF CHANGE
A	5/18/2017	New Release Per Management Directive
B	8/1/2017	Add 3.0 to show the accessibility of this document from external sources
C	9/20/2017	Added LT14, LT15, LT16 and LT17
D	1/7/2019	Added LT18
E	1/28/19	Revised LT15 to include requirements specific to Metal suppliers
F	10/14/19	Removed the responsibilities under the Purpose section. Added Responsibility section. Removed RoHS clause and replaced with MSDS and TDS. Added Commodity Code Matrix
G	11/5/2019	Added LT19
H	12/27/2019	LT6 is no longer required for all OP
I	09/17/2021	Revised LT3 to include disposition requirements of records.
J	09-27-2023	Revised Section 4, detailing locations.

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