



QUALITY CLAUSES

EP-1A REQUIREMENT REVIEW IDENTIFICATION.

The supplier shall keep an adequate contract review process to ensure the role of compliance check for the capture and inclusion of all customer requirements. This process needs to include the identification of drawing revisions, process requirements, statutory and regulatory requirements, specifications relevant technical data. Supplier must find and implement all requirements for any transaction incorporated in Purchase Orders.

Suppliers need to be clear about information flowed down on quality clauses, specifications, drawings, process requirements.

Documented information for contract review may include Internal Procedures, Work Instructions, forms use for requirement identification to supply guidance and to set up records.

Original Manufacturer's Certificate of Compliance: Supplier must provide a certificate of compliance with each shipment of product or services, and include as a minimum - supplier name, address, date, part number, revision level, purchase order number, quantity shipped, statement of conformity showing product meets all requirements, and signature of authorized qualified supplier representative.

EP-1B CONTROLS/APPROVALS

Supplier must have set up internal controls for approvals of its production method products and services. These documented controls must have the signature and title of the authorized representative of the organization authorizing production methods services. E.g. Controls may include the approval of Acceptance Test Procedures applicable internal system or documentation subject to verification.

EP-1C COMPETENCE

The Supplier shall decide the competence of employees performing job tasks. The supplier shall utilize and maintain an employee- training program or procedure subject to review and approval by MTK. The supplier shall keep proper documented information as evidence of competence. The training system should document required skill or training matrix. The supplier shall supply documented proof of employee competence.

EP-1D SUPPLIER INTERACTION

Seller shall communicate promptly with buyer to notify of any contractual applicable respond to corrective actions. To send change requests engineering department.

**EP-1E SUPPLIER CONTROL**

The supplier shall control and check the suppliers' performance. And the approved vendor list. The supplier shall evaluate sub-tiers based on quality performance of their product.

EP-1F VERIFICATION AND VALIDATION

a) Seller shall supply evidence of product validation to prove design of product and/ or processes functionalities. It may be satisfied through the approval of qualification acceptance test procedures.

b) Product Verification: Supplier shall prove compliance to validated items or processes. First Article Inspection Supplier must provide a First Article Inspection report including as a minimum - dimensional inspection report certificate for materials and/or processes utilized piece identified. First article shall be submitted prior to the beginning of production.

c) ATP must assure conformance to specified requirements. The inspection / test reports to the Purchase Order and/or the items cited. Each cargo must have readable and a reproducible copy of Test inspection Data sheets of actual results identifiable with inspection / test parameters and products sent.

EP-1G DESIGN AND DEVELOPMENT CONTROL

The supplier shall have a system in place and documented procedures for design & development control. It is the responsibility of the supplier to review all identified developmental specifications or quality clauses and ensure compliance to the specified requirements. When there is any confusion or conflict between identified clauses or other MTK documentation contact the MTK purchaser to resolve those issues prior to starting work.

EP-1H KEY CHARACTERISTICS & SPECIAL REQUIREMENTS

When Key characteristics registered on MTK drawing represented with symbol "?" or a Critical Items. supplementary notation that defines the distinctive product property. Seller/Supplier shall send to sub-tier suppliers all requirements and/or key characteristics in the purchase documents including the use of customer authorized or approved external providers avoidance. NOTE: When suppliers do not manufacture products derived from MTK'S drawings and no measurable characteristics of a product are specified. key characteristics may be register on failure modes and effect analysis (FMEAS) or PKI (metrics) Key characteristic Definition: An attribute or feature whose variation has a significant effect on product fit life controlling variation. When Key characteristics registered on MTK drawing represented with symbol "?" or a Critical Items. supplementary notation that defines the distinctive product property. Seller/Supplier shall send to sub-tier suppliers all requirements and/or key characteristics in the purchase documents including the use of customer authorized or approved external providers avoidance. NOTE: When suppliers do not manufacture products derived from MTKS drawings and no measurable characteristics of a product are specified. key characteristics may be register on failure modes and effect analysis (FMEAS) or PKI (metrics) Key characteristic Definition: An attribute or feature whose variation has a significant effect on product fit life controlling variation.

**EP-1i TEST INSPECTION AND VERIFICATION**

Seller shall inspect and/or test as applicable defined by the purchase order pertinent to the work that the Seller handles. Test Data required by MTK for each item shipped. The test data shall reflect all electrical specified in the applicable procurement drawing. MTK may allow sample data only if specified on the purchase order. Certificate of Compliance needed for every shipment.

EP-1J THE USE OF INSPECTION STATISTICAL TECHNICS

Documented procedures /Plan For sampling when SPC or statistical techniques are applicable for acceptance. The supplier shall supply variables data to support compliance to the required capability. Sampling requires MTK Approval.

EP-1K-1 IMPLEMENT A QUALITY MANAGEMENT SYSTEM

Seller shall follow the current version of ISO 9001 AS9100 or AS9120 Quality Management System Requirements. Compliance to the requirements above shall be approve by any one of the following:
Seller shall submit a current third-party certification to ISO 9001 AS9100 International Aerospace Quality Group (IAQG) member accreditation body. MTK may accept industry equivalent certifications issued from an IAQG accredited registrar to show compliance to this Quality Note.

EP-1K-2 APPROVED SUPPLIERS

The seller shall use MTK's customer approved or customer designated sources for special processes. Custom procedures such as paint anodizing and chemical processes require source documentation for traceability. To supply evidence of using approved sources from sub tiers Certificate of Compliance and include them in each shipment. Where applicable process certification is a requirement (plating treatment Supplier must supply proof of certification approved sources needed. Supplier will supply proof of that approval.

EP-1K-3 DISPOSITION OF NONCONFORMING PROCESS

Seller shall have documented internal systems or processes that includes provisions to find material to ensure the Seller does not ship nonconforming material to MTK. Seller shall notify MTK electronics products to implementation /shipment.

**EP-1K-4 COUNTERFEIT PREVENTION**

Supplier shall certify that the material delivered on this contract is the Original Item produced by Original Manufacturer OEM. Products shall follow unique identification numbers and Information provided on MTK Drawings counterfeit parts in the supply chain Government Industry Data Exchange Program (GIDEP) alerts and report any evidence of counterfeit or suspect counterfeit parts found during processing operations to MTK. For specific electric/electronic components the supplier shall keep OEM product reliability and supply chain traceability through OCM warranty storage MTK may take authentication measures on any product received by sending for assessment or testing to a proper lab. To prevent the entry or reentry of counterfeit material in the supply chain. Either industrial unit will not counterfeit or sell any counterfeit products (Ref: AS6174A Standard: Counterfeit Material; Acquisition of Authentic and Conforming Material)

EP-1K-5 CHANGE NOTIFICATION

Supplier shall notify MTK of changes to material or services manufacture. Changes need approval by MTK prior to implementation.

EP-1K-6 REQUIREMENT FLOW DOWN TO SUB-TIER SUPPLIERS

The supplier is responsible to communicate this P.O Requirements to all sub-tiers. By accepting and doing work against this Purchase Order. Sub-Contractor Flow Down Supplier must flow down the requirements of this purchase order to the Supplier's subcontractors. Flow down of key characteristics is require. Suppliers shall manage their product subcontractors follow the specific flow down requirement of AS9100. flow down to supplier's applicable requirements as well as customer requirements.

EP-1K-7 PROVIDE TEST SPECIMENS FOR DESIGN APPROVAL

Certificate of Analysis Supplier must provide a certificate of analysis with each shipment of product and include as a minimum - chemical and physical properties traceable to the delivered product to standardized and requested specifications. In specific cases the supplier might have to confirm and declare that the product supplied is free of restricted chemicals or metals. Also supplier shall confirm that the supply product is not provided from restricted sources (countries) under or any other applicable regulations.

EP-1K-8 RETAIN DOCUMENTED INFORMATION

Record Retention Supplier must ensure that all documentation referring to the product supplied and to its execution of the contract / purchase order. Documented information must be retained and kept available in good condition as defined in the supplier's quality system and when needed as mandated by the flow-down of MTK. Customers specific document retention requirements and/or minimum of 7 years.



EP-2 RIGHT OF ACCESS

Right of entry:

- 1) MTK'S customers and any regulatory authorities reserve the right of entry into the supplier's facility (ies) at any time during the performance of the contract / purchase order / audits exclusively relating to the scope or product of the contract / purchase order product or service conformity.
- 2) Government Source Inspection: When the government chooses to perform inspection at the Sellers facility applies: "All work on this order is subject to inspection and test by the Government at any time and place. Notify promptly this order procurement. Government source inspection(s) is a contractual requirement supplier will arrange with government authority (ies) for source inspection(s) of the product at the supplier's facility.

EP-3 STAFFS AWARENESS

- 3.1 The supplier shall ensure persons Buyer and the importance of ethical behavior.
- 3.2 Product Safety understands MTKS.'s expectation of excellent product quality that supplier's quality and safety significantly impact and contribute to MTKS own product conformity and MTK.'s own product safety. Packaging that all the product supplied sufficient protection from damage or substitution. Each container must be labelled with part number received is subject to quality inspection for conformance to specifications and requirements.
- 3.3 The importance of ethical behavior Product Supplier will conduct its activities and its business proving the expected ethical behavior and will deal with MTK. in good faith and in an ethical fashion. Supplier will be aware and will prove by its actions that it will prevent and fight counterfeit/fraudulent product.

EP-4 FOREIGN OBJECT DEBRIS

Supplier must set up and keep a Foreign Object Debris/Damage (FOD) prevention program. Where FOD within supplied components mechanical and electrical parts migrating into MTK. products and FOD prevention controls.

G-1 FEDERAL ACQUISITION DFARS

Apply Federal Acquisition Regulations (Far) & Defense Federal Acquisition Regulation Supplement (DFARS) Flow down clauses or Hardware Only Required For MS Numbers)



i-1 SHELF LIFE

Shelf Life: MTK will not accept materials with marginal shelf life. At least 80% required as determined by the original manufacturer unless previously approved in writing by MTK. The expiration dates need to be discernible on the packaging and shipping documents.

i-2 ESD

Vendors supplying static sensitive items must take necessary precautions to ensure preventions of electrostatic discharges. ESD packaging required.

i-3 TEMPERATURE SENSITIVE MATERIAL

The Supplier needs to recognize each shipment of temperature sensitive material with the manufacture date temperature and recommended shelf life. In addition to the standard shipping documentation the supplier shall include identification requirements of name lot/date code