



# Quality Note Requirements

101	<b>AS9100 or ISO9001 Certified QMS</b> Seller must provide evidence that they are certified as AS9100 or ISO9001. Certification shall be provided by a third party, accredited Registrar Company.
102	<b>AS9100 or ISO9001 Compliant QMS</b> Seller shall conform to a QMS acceptable by the Buyer. QMS must be compliant to current revision of AS1900 or ISO9001.
103	<b>UST Approved QMS</b> UST reserves the right to audit the Seller's QMS.
104	<b>Supplier Corrective Action</b> Seller shall maintain a corrective action procedure that prevents and/or contains non-conforming products. The procedure shall require a determination of the root cause of the problem, what corrective actions are to be implemented, and the implementation date of the corrective action. The seller shall supply UST with all corresponding information in the event of UST's receipt of non-conforming products.
105	<b>Quality Record Retention</b> The seller shall maintain all Quality Records, Process Control Records, and Product Records for a minimum of five years unless otherwise stated on purchase order or terms and conditions. Records shall be provided to UST upon request.
106	<b>Non-conforming Materials</b> The Seller shall not ship non-conforming materials to UST. If it is determined that non-conforming materials have been delivered to UST and dispositioned as the seller's responsibility, the seller shall provide a root cause analysis and corrective action. Failure to do so in the pre-defined time limitation could affect the seller's future status as an approved supplier.
107	<b>Calibration</b> The Seller's calibration system shall conform to ISO9001-2008.
108	<b>Traceability</b> The Seller shall provide traceability for product sold. Traceability includes identification of the complete product, through production, and the products/materials used to manufacture the completed product through part numbers, lot numbers, and/or heat numbers.
109	<b>Identification</b> The Seller shall identify products by part number and serial number(when applicable).
110	<b>Supplier Requirement Flowdown</b> The Seller shall require all sub-tier suppliers to conform to all required quality notes and contract document requirements.
201	<b>Certificate of Conformance</b> The Seller shall provide a certificate of conformance including but not limited to the Seller's name and address, the purchase order number, UST's and/or manufacturers part number, revision level, quantity, drawing number and revision if different than part number, serial number, date code or Lot/Batch/Heat numbers(as applicable), Authorized agents signature, Title, Date, and a statement of conformance to all requirements.
202	<b>Material Test Report</b> Seller shall provide material test reports for material specified by the purchase order.



# Quality Note Requirements

203	<p><b>Packing Slip</b></p> <p>Seller shall include detailed packing slips in shipments sent to UST. Contents shall include but is not limited to the purchase order number, ship date, quantity, part number, description, and weight.</p>
204	<p><b>Acceptance Test Procedure</b></p> <p>The Seller must provide an Acceptance Test Procedure specifying the conditions and parameters under which testing is performed, the sequence of tests performed, and the test criteria. UST's approval shall be documented on the Acceptance Test Procedure prior to the start of qualification and/or production.</p>
205	<p><b>Test Data</b></p> <p>The Seller shall submit the results of the product testing in a form of data containing actual and specified values or requirements.</p>
301	<p><b>First Article Inspection</b></p> <p>The Seller shall perform a First Article Inspection on one item from the first product lot. The FAI shall consist of a drawing with specified values/requirements and a report detailing the actual values of the item. The item shall be identified in accordance with ISO9001:2008. UST reserves the right to verify any and all characteristics recorded on the FAI at the Seller's facility.</p>
302	<p><b>UST Source Inspection</b></p> <p>The Seller shall conduct a source inspection at the sellers facility to be witnessed by a UST Quality Representative. Testing data shall demonstrate conformance to the acceptance requirements specified by design and requirements. The Seller shall notify UST a minimum of 5 working days prior to testing. Final acceptance shall be at final destination.</p>
303	<p><b>Government Source Inspection</b></p> <p>Government Source Surveillance and/or Inspection is required. Upon receipt of the purchase order, the Seller shall contact their Cognizant Government Representative. A prior notification of a minimum of 5 working days shall be provided to the government representative before testing. The CGR shall stamp/sign all shipping documents indicating inspection of each shipment. The CGR may authorize a waiver on stamp/signature of documents. If a waiver is authorized, a copy of the waiver shall accompany each shipment.</p>
401	<p><b>Welding Requirements</b></p> <p>The Seller shall perform welding requirements to specifications AWS D1.1, AWS D1.2, AWS D1.6 or AWS D1.9 as specified by the contract documents. Source of welding shall be performed by a UST Approved Welding Supplier. Non-destructive testing (if applicable) shall be in accordance with Quality Note 406.</p>
402	<p><b>Galvanizing/Plating Requirements</b></p> <p>The Seller shall provide products to UST in accordance with ASTM A123 or ASTM B633 as specified by contract documents. The Seller is responsible for monitoring performance and compliance of processes and communicate all concerns in the performance of these processes to UST. UST reserves the right to audit as deemed necessary by UST.</p>



# Quality Note Requirements

403	<p><b>Painting Requirements</b></p> <p>Sellers shall use approved paint processes in accordance with applicable industry or military standards specified by the contract documents. Seller shall acquire UST process approval through on-site audit and pre-production painted step panel.</p>
404	<p><b>Soldering Requirements</b></p> <p>Seller shall provide soldered components in accordance with IPC/EIA-J-STD-002 or IPC J-STD-001D as specified by the contract documents. Compliance to this requirement is subject to UST review at any time during the contract period.</p>
405	<p><b>Reserved</b></p>
406	<p><b>Non-Destructive Testing Requirements</b></p> <p>The Seller shall conduct non-destructive testing for Liquid Penetrant, Eddy Current, Radiography, Magnetic Particle, and/or Ultrasonic methods as specified in the contract documents. All testing personnel shall meet the minimum requirement of NAS410 and copies of certificates shall be provided to UST. All testing records and radiographs shall be retained by the Seller for a minimum of five years.</p>
407	<p><b>Electrostatic Sensitive Devices</b></p> <p>The Seller shall implement an ESD Control Program compliant with the latest version of MIL-STD-1686 and/or JESD625. The Seller shall take the necessary precautions to ensure that static susceptible devices are adequately protected from ESD damage during manufacturing, testing, inspection, packaging and shipping. Packing materials shall comply with MIL-STD-3010 Method 3005. Packaging shall be marked with an ESD cautionary note or symbol.</p>
501	<p><b>Foreign Object Debris Prevention</b></p> <p>The Seller shall establish and maintain an effective Foreign Object Debris Prevention Program to reduce FOD using NAS412 as a guideline. The Seller's written procedures or policies shall be subject to review and audit by the Buyer and/or government representative, and disapproval when the Seller's procedures or policies do not accomplish their objectives.</p>
601	<p><b>Preference for Domestic Specialty Metals</b></p> <p>Seller shall provide certificate of compliance in accordance with DFAR 525.225-7014 for all products containing non-specialty metals as specified by the contract documents.</p>
602	<p><b>Prohibition of Pure Tin</b></p> <p>The Seller shall assure that pure tin plated finishes are not used on any products. Any Tin Plating or Tin Soldering processes shall contain no less than 3 percent lead composition.</p>
701	<p><b>Preservation of Customer Property</b></p> <p>The Seller shall provide preservation of customer product by identification, segregation, and storage. If UST property becomes damaged in any way, Seller must notify UST immediately for disposition.</p>
801	<p><b>Cable Workmanship Standard</b></p> <p>Seller shall provide cables in accordance with IPC/WHMA A-620.</p>
901	<p><b>Configuration Management</b></p> <p>The Seller shall implement and maintain a configuration management system in accordance with ISO10007.</p>