Appendix QX
Supplier Quality Requirements

REVISION LOG

The latest issue to this document is the version that is available on the Lockheed Martin Aero website:
https://www.lockheedmartin.com/en-us/suppliers/business-area-procurement/aeronautics/quality-requirements/quality-appendices.html

Revision	Date	Changes
Revision 10	06/14/2023	**ADMINISTRATIVE CORRECTION:** Reference to 1.1A does not align in QX10, appears to have aligned with 1.1A in QX9. Corrected to be 1.2.A.
	01/01/2023	Completely revised, reformatted, and reorganized document to bring it up to current standards and practices. As well as general language corrections and word choice, larger areas of change include: **(1) Definitions/Applicability, A** -tier suppliers that receive LM Pos **(2) Definitions/Applicability,** ISO9001 cert is not required for COTS hardware and production parts (excluding F-35). **(3) Definitions/Applicability, -** Non-applicable requirements need not be removed; they're understood to be self-deleting. **(4) Definitions/Applicability,** LM Pos will not specify applicable Quality Clauses on face of PO. Reference to QX is all that is needed and Clauses are invoked by Tables 1 & 2. **(5) Definitions/Applicability, -** Applicable Quality Clause requirements are in addition to General requirements of QX. If there are conflicts, Clause requirement supersedes General requirement. **(6) Section 1.0.A.2.b & d** Requirements moved from Clause Q17 into QX to streamline process and understanding **(7) Section 1.0.A.3.c & d** Updated language to clarify the requirement **(8) Section 1.0.B & C -** Requires use of OASIS database for AS-certified suppliers and Buyer access to Sellers OASIS and Nadcap data pertaining to PO Item. **(9) Section 1.2** - Directs Seller to new online system for notification submittal. **(10) Section 1.2.B** - SCM requested 180 advance notice on required notification and a due date for submittals. **(11) Section 1.4.B.1.a** - Added to ensure traceability of Buyer's approval per para 1.4.B.1 is recorded and readily available. **(12) Section 1.4.B.1.b** - Informs Seller how to submit a NTOEM SPAR required by para 1.4.B.1.a. **(13) Section 1.4.C.2** - Provides for record of no traceability, and instruction on how to proceed. **(14) Section 1.5. B.1-11** - Added specific data elements to be included on the CoC consistent with requirements of AS9163 when it gets released. **(15) Section 1.5.C** - If shipping from a location other than the PO address, supplier is acting on behalf of PO addressee, and needs to include the information for both (name, location, etc.). **(16) Section 1.7** - Added awareness that GIDEP membership alone is not sufficient. Sellers are expected to utilize GIDEP for assessing risks to the product. **(17) Section 1.11** FOD Requirement was formerly Clause Q4R in QX Table 1. Moved to General Requirements here because it applies to all commodities. **(18) Section 1.12.D** - Minor wording changes to advise SQE of changes to ECD, and allow 2 days for SQE to perform acceptance. **(19) Section 1.13.C** - Add clarity to the sampling and inspection requirements

		check for FAI Q2A. **(c)** **(e)** to deliverable and non-delive **(13) Section 2.0 Second Paragraph** complete re-write **(14) Section 2.0.a** clarifies the Seller does not have to provide name and location of all subcontractors. **(15) Section 2.0.b** revised to obtain **(16) Section 2.1.a** revised to remove punitive actions if supplier denies access. **(17) Section 2.2.b** now instructs customers. **(18) Section 2.2.f** revised to have Seller n seller cannot verify a Buyer reported nonconformance. **(19) Section 2.3.5** revised to include or assemblies where BFE has become an integral, inseparable part of the assembly. **ADDED:** **(1) Section 1.0.e** is a AS9100D 8.4.3m requirement that needs to be flown down. **(2) Section 1.1** added link for DCMA Car submittal form to resolve DCMA issue where SQM is not in compliance to QX1.1 **(3) Section1.1.d** states that the Seller shall permit LM Aero access to data in OASIS and NADCAP database and that LM Aero reserves the right to input repetitive escape data and major findings regarding the seller into the OASIS database for or Certification Body. **(4) Section 1.5 Note** was added to give further instructions. **(5) Section 1.6.a.5** was added to replace section 1.6.b and provide further clarification. **(6) Table 1 Additions: (a)** requirement **(b)** Column - Q1R **(c)** -Q10R **(d)** Q11R **(e)** Specific Quality Requirements **DELETED:** **(1)Table of Contents Notes**- **(2) Section 1.6.a.4** **(3) Section 1.6.b** was deleted and replaced by 1.6.a.5. **(4) Table 1 Definitions** definition for MRO was deleted because it excluded OEM and is incorrect.
Revision 8	8/7/2015	**Major Revisions:** (a) rd party quality management system registration must be by an accredited registrar listed in OASIS. (b) Section 1.1 Expanded the notification requirements for quality system changes and/or Customer findings; (c) Section 1.4 Counterfeit Parts/Materials Prevention Complete re-write. (c) Section 1.6 Records Added requirements for actions to be taken in the event of the dissolution of a business. (d) Added this section replaced Table 1 from Revision in its entirety. Also removed requirements for Service Providers. (e) Table 1 (previous Table 2 from Revision 7) -3 program from Q3R Fit Check requirement; removed Q2B from FAI requirement (see new Q17); Removed requirement for Service Providers; Revised definition of Distributor; (f) Section 2.2 Consolidated section on reporting of potential or verified nonconformances. Notification specifically as Supplier Disclosure Letter. Revised wording for actions when Seller cannot verify Buyer-reported non-conformance.; (g) Section 2.3 For Sellers with delegated oversight/surveillance to a Government representative, reworded to require Seller to submit material review dispositions to Government repres -001 Requirements for Buyer-Designed Items Major re-write. (i) Section 2.5 QCS-001 Requirements for Seller-Designed Items to approve internal and external special processes. (j) Removed in its entirety Section 2.6 addressing Maintenance, Repair and Overhaul Activities replaced with Quality Clause Q17 in Table 1.
Revision 7	8/20/2012	**(1) Table 1** (a) contains requirements for 3rd party certifications; (b) specific commodities require AS9100 3rd party certification no later than July 1, 2013 additional requirements for Alternate Repair Activity on Non-OEM Product and Non-Value Added Distributors; (c) additional quality requirements have been separated into Table 2 and are listed by commodity .; (d) AS9100 certifications for non-value added Distributors will be accepted; however, AS9120 certification is preferred; **(2) Table 2**

removed
FOD requirement for raw castings &
forgings in line where FOD is required; (d) Added P3 to Fit Check requirement; **(3) Section 1.1** Listed minimum information to be provided in notification of sale, relocation or transfer of acturing operations; **(4) Section 1.3** rewritten to better flow quality requirements with regard to counterfeit parts prevention; (b) Added reference to AS- of identifiable items; (d) While advance approval from Buyer is required prior to acquiring work from independent distributor or broker, this written approval is not required for raw material and standard hardware, however, products must be traceable to the original manufacturer; (e) Defined required elements of response to LM Aero when evidence of supply chain traceability is requested; (f) Deleted paragraph referencing costs associated with work delivered to LM Aero and subsequently identified as counterfeit; **(5) Section 1.4** Certificate of Conformance (a) Added provision for alternate acceptance of DD250 process; (b) Added requirement to include copy of CoC inside shipping container**; (6) Section 2.0** Added a list of minimum

(7) Section 2.2 added requirement for Seller to initiate a SPaR for additional verification testing/disposition of parts for which it is unable to verify a reported nonconformance; **(8**) **Section 2.3**
Product/Material Review Process; (b) Major re-alignment of paragraphs; (c) Major re-write of Section 2.3; **(9) Section 2.6** Added new section for Maintenance, Repair or Overhaul Activities; **(10)** Other sections with revisions marked by appropriate markings in the released version of Appendix QX; **(11) Deleted redundant requirements** flowed by other documents (e.g., Sampling is flowed by AS9100).

and until Seller has received prior written approval from Buyer. **(20)** Section 2.6 Revised to
onsibility to approve and control its processing sources
including in-

ADDED:
(1) Section 1.7