Spun Products, MLZ Incorporated

Vendor Quality Clauses

qp-8.4.3-2, Revision N, 09/04/2026

CURRENT REVISION

Revision: N

Description: Comprehensive update to improve clause alignment, supplier-type and order-specific applicability, raw-material traceability, approved-process controls, customer/OEM flow-downs, regulatory requirements, and concise, auditable language.

Effective Date: 09/04/2026

APPROVAL BLOCK

Prepared By:	**Date:**
K. Junghanel, Quality Director	09/04/2026
Approved By:	**Date:**
	09/04/2026

Quality Clauses are called out on Purchase Orders for products and services provided to Spun Products. Any requirements called out on Purchase Order Form qp-8.4-1 or Quality Clauses referenced herein, are integral to the order and the failure by the supplier to conform to all requirements listed on the PO, shall be cause for rejection and return of articles at the supplier's risk and expense. Certification submitted by the supplier must bear a legible signature of an authorized agent and be legible and reproducible. On orders where multiple line items exist, certification for each line is required and must be traceable.

Clause Code	Title	Requirement
QC01	**Quality Management System**	The supplier shall maintain a Quality Management System appropriate to its approved scope and the products or services supplied. Controls shall address applicable purchasing, traceability, preservation, verification, nonconformance, corrective action, change control, and counterfeit prevention requirements. Purchase Order, customer, and regulatory requirements take precedence.
QC02	**QMS Certification — When Required**	When invoked, the supplier shall maintain the specified certification for the supplying facility and scope: normally AS9120 or an accepted ISO 9001 system for distributors, AS9100 for manufacturers, or Nadcap AC7004/customer-approved equivalent for special-process-only suppliers. Certification shall remain valid through shipment. The supplier shall promptly report any suspension, withdrawal, expiration, scope reduction, or other status change and maintain an accurate OASIS record when applicable.
QC03	**Nadcap Critical-Process Approval**	When a supplier or sub-tier performs an invoked critical process, the processing facility shall maintain active Nadcap accreditation and required customer approval for the exact commodity, method, specification, and scope. Approval shall be verified before work begins and remain valid through shipment. No facility, process, method, or source may change without prior written approval. Any lapse, suspension, scope reduction, relevant audit issue, or approval change shall be reported promptly. Distributors that neither perform nor subcontract the process are exempt.
QC04a	**Supplier-Furnished Raw Material**	The supplier shall provide the original mill/manufacturer MTR or CMTR with required chemical and physical results and identification of the material specification/revision, alloy or grade, temper/condition, product form, quantity, and heat/lot/batch; melt or production country is required when invoked. An auditable chain of custody shall be maintained through all distributors and sub-tiers. Records shall not be altered or recreated, and different identities shall not be commingled. Cut pieces, split lots, packages, and remnants shall retain source traceability. Substitution of material, condition, mill, or source requires prior written approval.
QC04b	**Spun-Furnished Material**	Spun-furnished material shall be identified, segregated, protected, and traceable throughout storage, processing, and shipment. It shall not be substituted, commingled, used for another order, or transferred to another facility or sub-tier without prior written approval. Loss, damage, deterioration, quantity discrepancy, or identification concern shall be reported promptly. Approved replacement material shall meet QC04a and all Purchase Order requirements.
QC05	**Sub-Tier Flow-Down**	The supplier shall flow all applicable Purchase Order, quality-clause, customer, regulatory, key-characteristic, and Terms and Conditions requirements to affected sub-tiers. Sub-tier sources shall be qualified and approved as required by the order or customer. The supplier remains responsible for sub-tier conformity and objective evidence of compliance.
QC06	**Record Retention**	The supplier shall retain Purchase Order records for at least ten years, or longer when required by the order, customer, or law. Records shall remain legible, identifiable, secure, retrievable, and protected from loss or deterioration. Applicable retention and disposition requirements shall be flowed to sub-tiers.

QC07	**Monitoring and Measuring Equipment**	Equipment used to accept product or verify conformity shall be suitable, identified, calibrated or verified at defined intervals, and traceable to recognized standards. Calibration shall meet applicable Purchase Order, customer, ANSI/NCSL Z540.3, ISO 10012, ISO/IEC 17025, or aerospace requirements. Out-of-tolerance conditions shall be evaluated for impact on previously accepted product and reported when conformity may be affected.
QC08	**Spun-Furnished Property**	The supplier shall identify, protect, maintain, and control Spun- or customer-furnished property, including material, product, tooling, fixtures, equipment, and data. Loss, damage, deterioration, or unsuitability shall be reported promptly. Property and unused material shall be returned or disposed of as directed at completion of the order.
QC09	**Product Identification and Traceability**	The supplier shall maintain required product identity and traceability through receipt, storage, cutting, splitting, processing, inspection, packaging, and shipment. Identification shall use the applicable part/material description and heat, lot, batch, job, or serial number. Cut pieces, split lots, packages, and remnants shall remain linked to source records. Unverifiable or conflicting identity shall be segregated and treated as nonconforming pending written disposition.
QC10	**Nonconformance, Escape and Change Notification**	The supplier shall not ship nonconforming product without prior written disposition. Actual or suspected escapes after delivery shall be reported promptly with affected Purchase Order, part/material, heat/lot/batch/serial, quantity, and shipment information, followed by containment and corrective action as required. Prior written approval is required for changes to material, process, specification, source, sub-tier, tooling, or manufacturing location that may affect conformity, safety, function, or traceability, including obsolescence or discontinuation.
QC11	**Special-Process Source Approval**	When special processing is invoked, work shall be performed only by the approved facility and source specified or authorized for the order. The supplier shall verify applicable Nadcap and customer/OEM approval before processing and shall not outsource or change the source, facility, method, or specification without prior written approval. Processing records shall identify the source, facility, process, specification/revision, product identity, quantity, and acceptance.
QC12	**Dimensional Inspection Report — When Required**	When invoked, the supplier shall report actual results for the characteristics within its contracted scope. Distributors are responsible for applicable material form and size verification; processors are responsible for characteristics affected by their work. Reports shall identify the order, product, revision, quantity, traceability identity, acceptance status, and authorization. Sampling, statistical, or capability data are required only when specified or approved.
QC13	**First Article Inspection — When Required**	When invoked, the supplier shall submit a full or partial AS9102 First Article Inspection, as applicable, with characteristic accountability, process specifications, actual results, and a ballooned drawing or equivalent. Distributors and process-only suppliers shall provide supporting material, process, inspection, and traceability records unless a complete FAI is expressly required. New or partial FAI triggers shall be controlled to AS9102 and customer requirements.
QC14	**Foreign Object Debris Prevention**	Product and material shall be delivered clean and free of debris, contamination, corrosion products, and other damaging residue. Distributors shall control cleanliness during storage, handling, cutting, and packaging. Manufacturers and processors shall control process-generated debris and maintain an AS9146-compliant FOD program when invoked. Applicable controls shall flow to affected sub-tiers.
QC15	**Preservation, Packaging and Protection**	The supplier shall segregate, preserve, store, handle, package, and transport product to prevent damage, corrosion, contamination, deterioration, mixing, and loss of identity. Raw material shall remain segregated and traceable by specification, grade/alloy, temper/condition, and heat/lot/batch after cutting or splitting. Shelf-life items shall show applicable dates and storage conditions. Packaging and contact protection shall meet the order, specification, and product risk.
QC16	**Serialization — When Required**	Serial numbers are required only when specified by the Purchase Order, drawing, or customer. Otherwise, the supplier shall use the applicable heat, lot, batch, job, or traveler identity. Required identification shall remain unique, legible, and traceable through processing and shipment.
QC17	**Certificate of Conformance**	The supplier shall provide an authorized Certificate of Conformance identifying the supplier, Purchase Order/line, product or material, applicable drawing/specification and revision, quantity, and heat/lot/batch/job/serial identity. Raw-material certificates shall identify the original mill/manufacturer and reference the original MTR/CMTR; process certificates shall identify the processor/facility, process, specification/revision, and processed quantity or lot. The certificate shall state conformity to applicable requirements and identify approved deviations. Supplemental distributor or processor certificates shall not replace required original records.

QC18	**RTX / Collins Aerospace End-User Flow-Down**	When Collins Aerospace, Hamilton Sundstrand/Standard, UTAS, or another RTX/UTC company is identified as customer or end user, the supplier shall comply with the latest applicable ASQR-01, order-invoked HSC/HSM documents, Collins procedures/forms, customer quality notes, specifications, and government terms. Use approved sources and required Nadcap scope; obtain written approval before work transfer or changes affecting source, facility, material, process, tooling, or conformity; obtain disposition before shipping nonconforming product; and perform invoked FAI, APQP/PPAP, DQR/DPRV, inspection, traceability, preservation, and retention activities. Report escapes, suspect counterfeit material, approval/certification changes, and proposed transfers promptly. Spun Products, RTX/Collins, customers, and authorities shall have access to applicable facilities, product, processes, personnel, data, and records. Flow all applicable requirements to every tier.
QC18a	**RTX / Collins — FOD and Counterfeit Prevention**	For RTX/Collins work, the supplier shall maintain applicable AS9146 FOD controls and AS6174 counterfeit-material controls, including AS5553 or AS6081 when invoked. Procure from original or authorized sources unless otherwise approved, maintain chain of custody, and control suspect product by identification, segregation, evidence preservation, and prompt reporting; do not return it to the source without authorization. Flow applicable controls to every tier.
QC19	**Boeing-Approved Processes**	When Boeing approval is invoked, special processing shall be performed only by a source and facility approved for the applicable process and specification. The supplier shall verify approval before work begins, maintain it through shipment, report any lapse or scope change promptly, and obtain written approval before changing or outsourcing the source.
QC20	**Key, Critical and Special Characteristics**	When identified by the order, drawing, specification, or customer, the supplier shall control applicable key, critical, or special characteristics within its scope and retain traceable verification results. Distributors shall verify required material characteristics and records; manufacturers and processors shall control affected processes and inspection methods. SPC, capability studies, or sampling plans apply only when invoked or approved.
QC21	**Source and Country Restrictions — When Invoked**	When the order or incorporated requirement specifies domestic, qualifying-country, prohibited-country, origin, melt-source, or production-source restrictions, the supplier shall comply and retain objective evidence of original mill/manufacturer and applicable source country. Requirements shall flow to affected sub-tiers. Any alternate source, material, country, or exception requires prior written approval. Without an invoked restriction, this clause does not independently require domestic material.
QC22	**Right of Access**	Spun Products, its customers, and authorized government or regulatory representatives shall have reasonable access to applicable supplier and sub-tier facilities, product, processes, personnel, records, technical data, and inventory for audit, inspection, verification, or investigation. The supplier shall provide reasonable assistance and shall not impose conditions that restrict authorized regulatory access.
QC23	**Corrective Action**	When requested, the supplier shall promptly contain affected product, determine root cause and extent, implement corrective action, identify the effective point or affected lots/shipments, and provide objective evidence of completion and effectiveness. Records shall be retained and made available to Spun Products. These requirements apply to supplier- and sub-tier-caused conformity, delivery, documentation, traceability, approval, or responsiveness issues.
QC24	**DFARS Specialty Metals — When Invoked**	When the order incorporates DFARS specialty-metals requirements, the supplier shall comply with the invoked clause: 252.225-7008 for delivered specialty metal, 252.225-7009 for articles containing specialty metals, and 252.225-7010 for the required commercial-derivative military-article certificate. Maintain heat/lot/batch traceability and objective evidence of mill/manufacturer and melt or production location, and flow requirements to affected sub-tiers. Any noncompliant source, substitution, exception, or alternate approach requires prior written authorization.
QC25	**Export-Control Compliance — When Invoked**	When the order includes export-controlled technical data, defense articles, or services, the supplier shall comply with applicable U.S. export-control requirements, including ITAR when applicable. Access, use, transfer, export, re-export, and disclosure shall be limited to authorized persons, purposes, locations, and countries. Required registrations, licenses, agreements, and approvals shall be maintained before access or performance, and applicable restrictions shall flow to sub-tiers.
QC25a	**Proprietary and Controlled Information**	The supplier shall protect Spun Products and customer proprietary, controlled, and technical information from unauthorized access, use, disclosure, reproduction, transfer, or removal. Access shall be limited to trained, authorized personnel and approved sub-tiers with equivalent controls. Information shall be returned, retained, or securely destroyed as directed at completion or termination, subject to applicable record-retention requirements.
QC26	**Environmental, Health, Safety and Product Safety**	The supplier shall comply with applicable environmental, health, safety, and workplace laws; provide safe conditions; and control activities to prevent injury, pollution, and product-safety hazards. Applicable requirements shall be communicated to personnel and affected sub-tiers.

QC27	**Risk-Based Supplier Controls — When Invoked**	When QC27 is invoked, the supplier shall implement the risk-based controls specified by Spun Products for the order. Controls may address approved sources and scope, certifications, traceability, inspection or verification, counterfeit prevention, preservation, containment, corrective action, and restrictions on products, processes, facilities, or sub-tiers. Controls shall not be changed or discontinued without prior written approval. Conditions affecting conformity, safety, approval, traceability, or delivery shall be reported promptly, and applicable controls shall flow to affected sub-tiers. QC27 does not assign a numbered risk level.
QC28	**DPAS Rated Orders — When Invoked**	When the Purchase Order carries a DPAS rating, the supplier shall comply with 15 CFR Part 700. The supplier shall accept or reject the order in writing within 15 working days for a DO rating or 10 working days for a DX rating, or within the shorter period stated on an authorized emergency-preparedness order. A rejection shall state the regulatory basis and, when applicable, the earliest achievable delivery date. Accepted rated orders shall receive preferential scheduling: DX over DO, and rated orders over unrated orders, as needed to meet required delivery dates. Any expected delay shall be reported immediately with the reason and a revised delivery date; verbal notice shall be confirmed in writing within one working day. The supplier shall place rated orders containing all required DPAS elements with sub-tiers for industrial resources needed to fulfill the order and shall flow the rating through the supply chain.
QC29	**Counterfeit and Fraudulent Material Prevention**	The supplier shall prevent counterfeit, suspect, fraudulent, substituted, or misrepresented product, material, and records. Maintain traceability to original or approved sources; verify MTR/CMTR, CoC, and process-record authenticity; control split-lot records; and prevent unauthorized changes to identity, condition, source, process, or results. Suspect items or records shall be identified, segregated, preserved as evidence, not returned to the source without authorization, and reported promptly. Flow applicable controls to sub-tiers.
QC30	**Applied Aerospace & Defense / PCX Flow-Down**	When Applied Aerospace & Defense, PCX Aerosystems, or legacy Integral Aerospace is identified as customer or end user, the supplier shall comply with the latest applicable quality clauses, Quality Control Procurement Requirements (QCPRs), site-specific requirements, drawings, specifications, and Purchase Order notes invoked by the order. Use only approved sources and facilities for the required material and special processes, with current Nadcap and customer approval for the applicable process, specification, and scope. Provide required material, process, inspection, test, and conformity records with complete lot and chain-of-custody traceability. Obtain written approval before changing material, process, source, sub-tier, or manufacturing location; report nonconformance, escapes, counterfeit concerns, and approval/certification changes promptly; maintain required records and right of access; and flow all applicable requirements to affected sub-tiers. GE Aerospace requirements apply only when separately identified or invoked by the order.
QC31	**Software, Digital Data and Tooling Control**	When the supplier receives or uses controlled software, digital product definition, programs, models, media, or tooling, it shall maintain configuration identification, access control, revision control, verification, backup, protection, and change authorization appropriate to the order. Only current approved data and tooling shall be used, and applicable controls shall flow to authorized sub-tiers.
QC32	**Pratt & Whitney End-User Flow-Down**	When Pratt & Whitney or WSK is identified as end user, the supplier shall comply with the latest applicable ASQR-01, AS13100, Instruction No. 01/ESCO/K25, PW-QA 6088, and all order-invoked P&W requirements. Use approved sources; obtain written approval before work transfer or changes to source, facility, material, process, or special process; obtain disposition before shipping nonconforming product; perform invoked FAI, APQP/PPAP, inspection, traceability, and approval activities; and flow requirements to every tier. Report escapes, suspect counterfeit material, QMS/business or certification changes, and proposed transfers promptly. Spun Products, P&W, customers, and authorities, including the FAA, shall have access to applicable facilities, product, processes, personnel, data, and records. Credentialed FAA inspectors shall not be required to sign an NDA as a condition of entry.
QC33	**Supplier Awareness and Performance**	The supplier shall ensure personnel understand their contribution to conformity and product safety and the importance of ethical behavior. Spun Products monitors supplier quality, delivery, complaints, corrective action, approval status, and risk. Unless otherwise approved, suppliers shall maintain at least 95% quality and 90% on-time delivery and shall address performance below these levels when requested.