

ICG PURCHASE ORDER QUALITY CLAUSE SUPPLEMENT



Island
COMPONENTS

A G.W. Lisk Company

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SECTION 1 — GENERAL QUALITY SYSTEM REQUIREMENTS

Q1– Certificate of Conformance (COC): A Certificate of Conformance shall accompany all delivered items, certifying conformance to applicable drawings and specifications. If the seller is not the manufacturer, the manufacturer's COC must also be included.

Q2– Raw Material Certification: Raw material certifications shall identify materials by batch, heat, lot, type, and class, and provide full traceability to the original manufacturer.

Q3– Test & Measurement Data: When required by the purchase order, actual inspection and test data shall be submitted. Measurement and test equipment used shall be calibrated in accordance with MIL-STD-45662 or ISO/IEC 17025 when Q12 is invoked.

Q4– Record Retention: Suppliers shall maintain inspection, test, and process records for a minimum of 12 years unless otherwise stated on the purchase order.

Q5– Defense Priority Rating (DPAS): When a rated order is identified on the purchase order, the supplier shall comply with all provisions of the Defense Priorities and Allocations System regulation (15 CFR 700).

Q6– ICG Source Inspection: ICG and/or the ICG customer reserves the right to perform source inspection at the supplier's facility. The supplier shall provide reasonable access and notify ICG at least 14 working days before the scheduled inspection when source inspection is required.

Q7– Government Source Inspection: When specified, government inspection is required before shipment from the supplier's facility. The supplier shall promptly notify the appropriate government representative upon receipt of the order and coordinate all the necessary inspections.

Q8– First Article Inspection (FAI): FAI in accordance with AS9102 is required before delivery of the first production unit or when there has been a lapse in production of 2 years or more, or as otherwise specified. The supplier shall notify ICG at least 14 working days before the scheduled FAI.

Q9– Workmanship Standards: When invoked, compliance with one or more of the following workmanship standards is required:

- a) IPC-A-600 Class 3
- b) IPC-A-610 Class 3
- c) IPC/WHMA-A-620 Class 3
- d) J-STD-001

Operators must hold certification in accordance with the standards specified above. Kindly provide proof of such certification.

Q10– ISO 9001 Quality System Requirement: The supplier shall maintain and operate a quality management system compliant with ISO 9001:2015 or later.

Q11– AS9100 Quality System Requirement: The supplier shall maintain and operate a quality management system compliant with AS9100 (latest revision) when specified.

Q12– ISO/IEC 17025 Requirement: Calibration and testing laboratories used for this order shall be accredited to ISO/IEC 17025 for the scope of work performed when Q12 is invoked.

SECTION 2 — MATERIAL, PROCESS, AND TESTING REQUIREMENTS

Q13– Chemical & Physical Analysis: A copy of the supplier’s test report containing quantitative results of chemical and/or physical analysis, as applicable, is required with each lot.

Q14– NADCAP Certification: Special processes such as plating, heat treating, welding, NDT, etc., shall be performed by NADCAP-accredited facilities when required by the purchase order. Evidence of current accreditation shall be available upon request.

Q15– Dimensional Test Data: When specified, a copy of dimensional inspection data containing actual measured values for each characteristic required by the purchase order or drawing shall be provided for each lot.

Q16– Limited Shelf-Life Material: Shelf-life materials shall be identified with date of manufacture, expiration date, lot or batch number, applicable storage conditions, and permissible shelf life. Material shall not exceed 25% of the total shelf life consumed at the time of shipment to ICG.

Q17– Material Safety Data Sheets (SDS): Safety Data Sheets shall be provided with each shipment containing chemicals or hazardous materials, in compliance with applicable regulations.

Q18– Ultrasonic Testing: Ultrasonic inspection shall be performed in accordance with AMS-STD-2154 and AMS 2631, or as otherwise specified on the purchase order or drawing. Certification of conformance is required.

Q19– Change Approval Required: The supplier shall not make any changes to materials, processes, manufacturing methods, quality systems, or facility locations affecting items on this order without prior written approval from ICG.

Q20– Leaded Material: When specified on the purchase order, the supplier shall provide only leaded (non-RoHS) materials.

Q21– RoHS Compliant Material: When specified on the purchase order, the supplier shall provide only RoHS-compliant materials and shall furnish supporting documentation upon request.

Q22– Attribute Data: When required, the supplier shall provide attribute (Go/No-Go) inspection data demonstrating conformance to all applicable drawing and specification requirements.

Q23– Variable Data: When required, the supplier shall provide variable (measured value) data for each item or characteristic identified on the purchase order or drawing.

Q24– Nonconforming Product Notification: The supplier shall promptly notify Island Components Group (ICG) when a nonconforming product is discovered, whether identified before shipment or after delivery. Nonconforming material shall not be shipped without written authorization from ICG.

When requested, the supplier shall provide:

- Immediate **containment actions**
- A documented **root cause analysis**
- **Corrective action** plan and implementation
- **Verification of effectiveness** to ensure recurrence prevention

The supplier shall also:

- Obtain **ICG approval** for the disposition of any nonconforming product
- Notify ICG of **changes to product, processes, sub-tier suppliers, or manufacturing facility location**
- Flow down all applicable requirements to **sub-tier suppliers**
- Provide access to facilities for **ICG, its customers, and regulatory authorities**, as required by AS9100

Q25– ESD (Full Compliance): The supplier shall implement an Electrostatic Discharge Control program that meets the requirements of MIL-STD-1686 or an equivalent standard, including training, grounding, handling, and packaging controls.

Q26– ESD (Partial Compliance): When specified, the supplier shall comply with MIL-STD-129 for marking and with the applicable sections of MIL-STD-1686 for handling and packaging of ESD-sensitive devices.

Q27– ESD Packaging: ESD-sensitive products shall be packaged in static-protective materials such as conductive or static-dissipative tubes, reels, bags, or containers. Packaging shall prevent contamination and mechanical damage to leads and finishes.

Q28– Printed Circuit Board Manufacturing: Printed circuit boards shall meet the requirements of IPC-6012 Class 3 or IPC-6018 Class 3, or as specified on the ICG drawing. Acceptability shall be in accordance with IPC-A-600.

Q29– Variation Management of Key Characteristics: When key characteristics (KCs) are identified, the supplier shall implement a variation management program per AS9103, including process control plans, data analysis, and submission of control charts or other statistical evidence as required.

Q30– Key Characteristics Minimum Cpk: Where KCs are specified, processes shall be controlled to achieve a minimum Cpk of 1.33, with 100% inspection unless otherwise approved by ICG.

Q31– Foreign Object Debris (FOD): The supplier shall maintain a FOD prevention program appropriate to the product and processes, ensuring parts are free from chips, burrs, dirt, and other foreign materials before packaging.

Q32– Preservation and Packaging Requirements: Unless otherwise stated, items shall be packaged to prevent corrosion, contamination, and physical damage during handling and shipment. Marking shall be legible, and barcoding or special packaging shall be used when required by the purchase order.

Q33– Special Process Control: Special processes (e.g., welding, plating, heat treating, anodizing, dry-film lubricant application, PCB fabrication, peening) shall be controlled through documented procedures, qualified personnel, and testing, as required. Certifications shall identify the facility performing each process. Sub-tier processors are subject to the exact requirements.

Q34– Domestic Specialty Metals: When a U.S. Government contract is referenced on the purchase order, the supplier shall ensure that specialty metals used comply with DFARS 252.225-7008/7009 and applicable alternate clauses regarding domestic or qualifying-country melt.

SECTION 2.1 — ADDITIONAL COMPLIANCE & REGULATORY CLAUSES

Q35– Counterfeit Parts Prevention: Suppliers shall implement and maintain a counterfeit parts prevention and control program consistent with the guidance of AS6174 and/or AS5553, as applicable. Procurement shall be made only from original manufacturers or their authorized distributors whenever possible, and full traceability shall be maintained. Suspect or confirmed counterfeit material shall be reported to ICG immediately.

Q36– No Change Clause: The supplier shall not change materials, design, manufacturing processes, inspection methods, test locations, or sub-tier suppliers affecting items on this purchase order without prior written approval from ICG.

The supplier shall flow down the applicable requirements of this purchase order clause to their suppliers.

Q37– ITAR / Export Compliance: When ITAR-controlled items or data are involved, the supplier shall comply with all applicable export control laws and regulations, including ITAR (22 CFR 120–130). The supplier shall protect export-controlled technical data, prevent unauthorized foreign persons from accessing it, and flow down ITAR requirements to sub-tier suppliers as required.

Q38– DFARS Compliance (Additional): When applicable, the supplier shall comply with relevant DFARS clauses such as:

- a) 252.225-7008/7009 (specialty metals),
- b) 252.225-7016 (ball and roller bearings),
- c) 252.246-7007 (contractor counterfeit electronic part detection and avoidance system),
- d) 252.204-7012 (safeguarding covered defense information),
- e) 252.225-7052 (rare magnets and tungsten).

Q39– Traceability Requirements: The supplier shall maintain traceability appropriate to the product's risk and criticality. Traceability levels may include:

Level 1 – Lot traceability;

Level 2 – Batch traceability with material certificates;

Level 3 – Full serialization and traceability to all subcomponents and operations. The required level will be specified on the purchase order.

Q40– Conflict Minerals Compliance: The supplier shall ensure that products supplied to ICG do not contain conflict minerals (tantalum, tin, tungsten, or gold) sourced from the Democratic Republic of Congo or adjoining countries, unless they are certified as conflict-free in accordance with applicable regulations. Upon request, the supplier shall provide a current Conflict Minerals Reporting Template (CMRT).

Q41– No MRB Authority: Suppliers are not authorized to dispose of nonconforming material as use-as-is, rework, or repair on behalf of ICG. All such nonconformances shall be submitted to ICG for disposition by the Material Review Board (MRB) and written approval before shipment.

Q42– Advanced Product Quality Planning (APQP) and Submission Levels (AS9145 Required): When invoked on the Purchase Order, the supplier shall implement Advanced Product Quality Planning (APQP) in accordance with AS9145 and provide all applicable deliverables to ICG at the level defined on the Purchase Order.

APQP deliverables may include, but are not limited to: Design and/or Process FMEA, Process Flow Diagram, Process Control Plan, Measurement Systems Analysis (MSA), capability studies (Cp/Cpk), Production Readiness Review (PRR), and Production Part Approval Process (PPAP) / First Article Inspection (FAI) record packages.

APQP Submission Levels:

- Level 5 – Full APQP/PPAP package with on-site review at the supplier facility by ICG.
- Level 4 – PSW plus submission of selected documents as specified by ICG.
- Level 3 – Full APQP/PPAP package including PSW, samples, and all supporting documentation.
- Level 2 – PSW plus sample parts and limited supporting documentation.
- Level 1 – Part Submission Warrant (PSW) only.

APQP documentation must be approved before the first production shipment unless otherwise authorized by ICG. Changes in product, tooling, process, sub-tier suppliers, or manufacturing location may trigger a new APQP submission. The supplier shall flow down APQP requirements to sub-tier suppliers when applicable.

SECTION 2.2 — ADDITIONAL MATERIAL & PROCESS CONTROL CLAUSES

Q43– Mercury Contamination Prevention: Supplied materials, components, and equipment shall be free of elemental mercury and mercury contamination. Mercury-bearing instruments or devices shall not be used in a manner that could result in contamination of the product. The supplier shall certify that materials are free of mercury contamination when required by the purchase order.

Q44– Special Sampling Plan: When a special inspection or sampling plan is specified on the purchase order, the supplier shall implement that plan exactly as written. Deviations or substitutions are not permitted without prior written approval from ICG.

Q45– Special Process Approval Requirement: All special processes listed below require formal ICG approval before use and must be performed by sources appearing on the ICG Approved Special Process Supplier List unless otherwise authorized in writing by ICG. Certifications for each special process shall accompany the product and include applicable specifications, process parameters, dates, facility name, and responsible personnel.

Required certifications may include, but are not limited to:

- A) Heat-treat certification and full cycle report
- B) Anodize certification
- C) Plating certification
- D) Ultrasonic test certification
- E) Penetrant test certification
- F) Electro-film / dry film lubricant certification
- G) Magnetic particle inspection certification
- H) Precision cleaning certification
- I) Passivation certification

ICG reserves the right to audit, approve, or disapprove any special process source.

SECTION 3 — GOOD WORKMANSHIP STANDARDS

Q46– Good Workmanship Requirements: Unless otherwise specified, finished surfaces shall be free of scratches, dents, pits, oxidation, and noticeable tool marks. Painted or coated surfaces shall be uniform and free of contamination, orange peel, fisheyes, or bare metal. Threads shall be fully formed, the correct size and class, and free of damage and contamination. All edges shall be deburred and free from sharp edges and foreign material. Welds shall be cleaned and meet drawing requirements. Countersinks shall be round, smooth, and free of chatter. Parts shall be clean and free of chips, oil, and other foreign object debris before packaging.

SECTION 4 — INSPECTION LEVELS

Inspection Requirements: Critical dimensions: 100% inspection. Major dimensions: 100% inspection. Minor dimensions: sampling inspection may be performed using an AQL of C=0 and AQL 1.0, unless otherwise specified on the purchase order or drawing.

APPENDIX — APQP SUBMISSION LEVEL SUMMARY

The following table defines the APQP/PPAP submission levels referenced in **clause Q42**. ICG reserves the right to specify a higher submission level based on risk, product criticality, or specific customer requirements.

Submission Level	Requirement Summary
Level 1	Part Submission Warrant (PSW) only.
Level 2	PSW plus product samples and limited supporting documentation.
Level 3	Complete APQP/PPAP package including all required supporting documentation.
Level 4	PSW plus selected documents as explicitly requested by ICG.
Level 5	Complete the APQP/PPAP package and conduct an ICG on-site review at the supplier's facility.

SUPPLIER ACKNOWLEDGMENT FORM

By signing below, the supplier acknowledges receipt, review, and understanding of the Island Components Group, Inc. Quality Clause Supplement (QF36, Rev. F) and agrees to comply with all applicable requirements when performing work under ICG purchase orders. The supplier further agrees to flow down applicable requirements to sub-tier suppliers.

Supplier Name:	
Supplier Address:	
Supplier Contact Name / Title:	
Contact Email / Phone:	
ICG Supplier ID (if applicable):	
Acknowledgment (Signature / Date):	

**Please return this page to the buyer after
reviewing and signing.**