



Purchase Order Clauses

Supplier are requested to comply with all of following quality clauses, additional clauses are listed with the purchase order as determine by **Impresa Aerospace LLC. (IA.)**. Buyer and /or **Impresa Aerospace LLC. Customer.**

It is the supplier full responsibility to promptly notify Impresa Aerospace if at any time the clauses cannot be fully met.

*** Denotes Changes**

IAPOC-001	MANDATORY IA. SOURCE INSPECTION – IA. , Customer an or Government source inspection (GSI) Source Inspection shall be performed at supplier’s facility prior to shipment to IA. and at required in–process operations, as directed by IA. Supplier shall provide evidence of IA. Source Inspection with each shipment
IAPOC-002	OPTIONAL IA. SOURCE INSPECTION – IA. , Customer and/or Government source inspection (GSI) reserves the right to inspect any and/or all work on this purchase order at supplier’s facility. The supplier will be notified in advance of shipping date if IA. source is required. Supplier shall provide evidence of IA.
IAPOC-003	ACCEPTANCE Of this order, or the initiating of any process, or the furnishing of any product, or the acceptance of payment, Constitutes unconditional acceptance the supplier.
IAPOC-004	AMENDMENTS To this order, or Impresa Aerospace LLC. Purchase Order Clauses shall be set forth in writing, via Purchase Order Change Notice, and/or revision to the purchase order Clauses. Impresa Aerospace LLC. Will consider supplier’s request to modify of, or exception to, only if such request is made in writing, prior to acceptance of the order.
IAPOC-005	SHIPMENT Of goods and services under this order shall be F.O.B DESTINATION as set forth on the face of the order. Supplier shall follow buyer’s instructions regarding method of shipment, Except where buyer has so stated on the face of the order.
IAPOC-006	SCHEDULE For delivery will be the responsibility of the supplier. The supplier shall not be held liable for damages in respect to delivery delay due to clauses beyond supplier’s reasonable control. However, If the supplier does not meet the delivery date as depicted on the face of the order, The buyer may approve a revised delivery date schedule, or terminate the order without liability for such termination.
IAPOC-007	RIGHT OF ENTRY – IA. customers (including government representative) reserve the Right-Of-Entry into IA. supplier facility to determine and verity the quality of work and material at all production stages. Visitation by IA. customers shall be conducted with prior knowledge of, and jointly with, IA. and its’ supplier
IAPOC-008	CHANGE NOTIFICATION Where appropriate, supplier shall notify Impresa Aerospace LLC. Of changes in testing, product, and/or process definition where acceptance, fit form or function may be affected. CANCELLATION Shall remain the right of the buyer and may be initiated at any time.
IAPOC-009	QUALITY MANAGEMENT SYSTEM – The supplier shall have a Quality Management System that meets the requirements of AS 9100, meet as a minimum, the following: <ul style="list-style-type: none"> • Contract/Purchase Order Review • Data/Document Control • Procurement Control • Calibration Control • Stamp Control • Corrective/Preventative Action Control • Record Retention • Production Control • Non-Conforming Product Control Quality System Changes and Customer Findings: <ol style="list-style-type: none"> a. Seller shall notify Buyer’s Supplier Quality Engineer, in writing, within 10 days of any of the following: <ol style="list-style-type: none"> 1. change in its quality system status; or 2. loss of third party registrar’s certification status; or 3. change in Seller’s quality organization, processes or procedures that are known to affect or could potentially affect conformity of any Item; or 4. adverse action taken by Seller’s customer, a US Government entity (e.g. FAA, CAA, OSHA, DoD, EPA, etc.), Third Party Registrar, International Government Agencies, or Nadcap to include, but is not limited to, any of the following: <ol style="list-style-type: none"> i. Issuance of any Level II or Level III Corrective Action Request (“CAR”) associated with Buyer Items, Quality Management System or processes associated with Buyer Items ii. Issuance of a major finding by a Third Party Registrar iii. Suspension of Government Source Inspection (“GSI”) b. Seller shall provide actions taken or planned actions related to any events listed in 1.1.a.1 through 1.1.a.4 above with the written notification. c. Seller shall provide within 30 days of the written notification the approved corrective actions taken in response to any adverse actions reported in 1.1.a.4 above.

Continued IAPOC-009	<p>Sale, Relocation, Closure or Transfer of Manufacturing Operations: Seller shall notify Supplier Quality Engineer and Buyer, in writing, at least 90 days in advance of any sale, relocation, closure, or transfer of Seller's manufacturing operations (subject to any legal or regulatory restrictions). Seller shall include the following, as a minimum, in the written notification:</p> <ul style="list-style-type: none"> • Purpose of the relocation, • Address of the new location(s), • Assessment of actual or potential impact to current POs, • Risk mitigation plan to ensure compliance to existing requirements, • Plan defining the identification, storage, protection, retrieval and retention of records, • Master schedule and timeline of relocation activities, and • Relocation Coordinator/Point of Contact
IAPOC-010	<p>SUPPLIER SURVEY – The supplier's Quality Management System is subject to initial survey and approval by IA. and its customer. Surveys or audits, including sub-tier suppliers and processors may be conducted before or after issuance of a purchase order. The supplier shall be notified of deficiencies and shall follow-up and ensure that deficiencies are promptly corrected. Corrective actions shall be subject to review and approval by IA. Quality Assurance. Subsequent surveillance or periodic review of the system may be accomplished as deemed appropriate for the articles being purchased.</p>
* IAPOC-011	<p>SUPPLIER PROCESS APPROVAL – Manufacturing, Process and Inspection processes used in the performance of this purchase order must be accomplished at all times by sources approved by IA. and/or its end customer.</p>
* IAPOC-012	<p>SUB-TIER SUPPLIERS – Material, Supplies and Services contracted to a sub-tier supplier must be obtained from IA. Approved Sources. IA shall be notified immediately of any Purchase Order Work that must be subcontracted out. The IA. Supplier shall flow down all the requirements in the IA. P.O. to all there sub tier supplier.</p>
IAPOC-013	<p>SUPPLIER PROCEDURE APPROVAL – Manufacturing, Special Processes, and Inspection Procedures used in the performance of this purchase order must be approved by IA. and / or its customer. Procedures are to be submitted to IA. and approved prior to start of work to this purchase order.</p>
IAPOC-014	<p>MANUFACTURING PROCESS APPROVAL – Manufacturing routing document must be submitted to IA. for approval prior to start of work. Subsequent changes to approved routing document must be submitted to IA. for approval prior to implementation of changes. A change is defined as any change including sequence, equipment, material, tooling, certified personnel, etc.</p>
IAPOC-015	<p>CERTIFICATE OF CONFORMANCE – Supplier is responsible for processing and certifying to the latest specification revision unless otherwise noted on purchase order. Supplier is to provide IA. with a Certificate of Conformance. Supplier shall certify to all specifications and special instructions required by purchase order.</p>
IAPOC-016	<p>FIRST ARTICLE INSPECTION – First Article Inspection shall be performed per AS9102 on the first part produced for new parts, or changes to tools, NC tapes, configuration or processes. Supplier is to supply FAI report and all substantiating data to IA. Quality Assurance.</p>
IAPOC-017	<p>NON-CONFORMING PRODUCT OR PROCESS – Any deviation to requirements set forth in this purchase order shall be documented and submitted to IA. for disposition prior to shipment from supplier's facility. In the event that product or material is received for processing in a nonconforming condition (i.e. damaged, paperwork/traceability issues, etc.), supplier shall notify IA. Quality Assurance PRIOR to performing work.</p> <p>Note: When a nonconformance is discovered that may affect already delivered goods Seller shall notify Buyer promptly by a Seller generated Notification of Escapement (NoE) letter sent to the Buyer's Authorized Procurement Representative with a copy to the assigned Buyer's Supplier Quality Source Representative. Additionally, an electronic NoE shall be submitted via the Corrective Action Request System (CARS), which can be accessed through the CITIS Gateway as described above. The NoE letter sent to the Buyer's Authorized Procurement Representative shall also be attached to the electronic NoE submitted in CARS.</p>
IAPOC-018	<p>CORRECTIVE AND PREVENTIVE ACTION – Supplier shall establish and maintain documented procedures for Corrective and Preventive Action, which shall include: effective handling of customer complaints and reports, investigation of cause of non-conformance, determination of corrective action needed to eliminate cause, application of controls to ensure corrective action effectiveness.</p>

IAPOC-019	<p>MONITORING AND MEASURING DEVICES – All monitoring and measuring devices used in the performance of this purchase order shall be certified against a standard having greater accuracy. Random and systematic error in any article or material measurement process shall not exceed 10% of the tolerance of the parameter being measured. Random and systematic errors in any calibration measurement process shall not exceed 25% of the tolerance of the parameter being measured. When ASTM, ASA, ISA, Military Standards or other Aerospace Industry recognized standard test methods are used in physical, chemical, analytical, optical and/or environmental measurement processes, the tolerance ratios established in those test standards shall apply.</p>
IAPOC-020	<p>STAMP CONTROL - Supplier shall have documented process for the control and use of inspection and process stamps. The design of supplier stamps shall be such that process and inspection stamps are distinctly different. Inspection stamps shall be designed to identify the supplier and the supplier's inspector who affixes the stamp.</p> <p>Application of Acceptance Authority Media (AAM)</p> <ul style="list-style-type: none"> • Seller shall comply with the AS/EN/JISQ 9100 requirements and 14CFR Part 21.2 regarding the application of the Acceptance Authority Media (AAM) requirements. • Seller shall, within its organization and its supply chain, ensure that the use of AAM is clearly defined within its Quality Management System (QMS). • Seller shall, upon Customer request, be able to demonstrate evidence of communication to its employees and to its supply chain; use of AAM must be considered as a personal warranty of compliance and conformity. • Seller shall maintain compliance to the AAM requirements by assessing its process and supply chain as part of its internal audit activities. The areas of focus of this assessment shall include but not limited to: <ul style="list-style-type: none"> • Authority Media Application Errors (i.e. Omission, Typos, Legibility, etc.) • Authority Media Application Untimely Use (i.e. Documentation is not completed as planned, "Stamp/Sign as you go", etc.) • Authority Media Application Misrepresentation (i.e., Uncertified personnel, Falsification of documentation, Work not performed as planned, etc.) • Authority Media Application Training Deficiencies (i.e. Ethics, Culture awareness, Proper use of authority media, etc.)
IAPOC-021	<p>RECORD RETENTION – Quality Records shall be retained for a minimum of Fifteen (15) years after completion of purchase order, or as directed by IA. Customer's Quality Requirements. Records shall be identified and stored in a manner that allows them to be easily retrievable and adequately protected.</p>
IAPOC-022	<p>TOOLING UTILIZATION AND MAINTENANCE – Supplier shall maintain and administer, in accordance with sound industrial practice, a program for the maintenance, calibration, repair, protection and preservation of customer/government owned property to assure that it is used only in the performance of the purchase order. The supplier is responsible for any loss, damage or destruction of customer/government owned property upon delivery to the supplier. Supplier is required to document and report all lost/damaged customer/government property to IA. Tooling used as a media of inspection must be part of supplier calibration system and within 2/3 engineering tolerance.</p> <p>Supplier is to comply with Impresa and its customer requirements as noted in this quality clause and in accordance with Documents D950-11059-1 BDS Seller Special Tooling Requirements D1-8110-9 REPT and PDT Requirements For a copy of the latest revision contact Impresa's Purchasing Department and/or Quality Department.</p>
IAPOC-023	<p>STATISTICAL PROCESS CONTROL – Management of Process Variation is required per AS9103 where Key Characteristics are identified via purchase order or supplied engineering data set (models, blueprints, process specifications, etc). When requested by IA, supplier shall provide SPC data for review or with product shipments.</p>
IAPOC-024	<p>DIGITAL DATA SET CONTROL – Data Set Control is required. Supplier is to conform to the requirements of IA and its customers.</p> <p>When DPD data is provided, the Supplier shall maintain a documented DPD procedure to ensure the integrity of product engineering and/or tooling, and configuration is maintained throughout the supplier's DPD system from receipt of Impresa's supplied data through creation of derivatives to product acceptance and process improvement.</p> <p>Supplier shall include a flow diagram in the documented procedure that graphically depicts the flow of data from receipt to product validation, and in analysis of measurements for process improvements. The flow diagram shall specify all segregated, secure storage locations of authority and derivative media and shall specify all supplier departmental functions responsible for performance of CAD/CAM operations including the delivery of Impresa's provided data to sub-tier suppliers. To ensure the Supplier's DPD system is compatible with Impresa's, supplier shall maintain and make available to Impresa's upon request a list of the current level of hardware configuration, software, software revisions, and other digital system information for computing equipment that receives authority data. The supplier shall notify Impresa's within thirty (30) days of any changes to DPD processes, CAD, CAM,</p>

	<p>CAI software, and measurement equipment. The Supplier shall assure nonconforming digital product definition datasets are identified as discrepant, segregated and reviewed for disposition and a corrective action system includes reporting, tracking and resolving all transmission, hardware, software and dataset problems, and product deficiencies to Impresa's.</p> <p>Supplier is responsible for securing access to digital data provided by Impresa's. When developing NC Programs, the Supplier shall maintain traceability from the NC Program to the original dataset and ensure only current authority datasets are available for use in production and inspection. Production acceptance software and tooling shall be validated prior to use and re-validated as changes are made. Data protection (encryption) shall be used when electronically transmitting digital data. Training records, which specially identify DPD training has been administered shall be maintained. The Supplier shall conduct audits on all operations affecting DPD data and related documentation to assure compliance with contractual requirements, software and production part quality standards, and the observance of security restrictions. Impresa's reserves the right to evaluate the Supplier's DPD system to determine if the Supplier has adequate documentation, hardware/software, equipment, and inspection capabilities and are in compliance with specified DPD requirements. Supplier shall flow down these requirements to their sub-tier suppliers.</p> <p>Supplier is to comply with Impresa and its customer requirements as noted in this quality clause and in accordance with Document s</p> <p>D6-51991 Quality Assurance Standard for Digital Product definition. D6-56199 Hardware and Software Compatibility MAA1-10009-1 Quality Assurance standards digital product definition</p> <p>For a copy of the latest revision contact Impresa's Purchasing Department and/or Quality Department.</p>
IAPOC-025	<p>PRESERVATION – In order to prevent corrosion, supplier shall store all raw materials and work-in-process in a covered structure, except forgings, castings and extrusions from which subsequent machining requirements will remove 100% of the as forged, cast or extruded surface. Any corroded condition of such material after acceptance by the supplier shall be the supplier's responsibility.</p> <p>PACKAGING AND PROTECTION Of the product shipped shall be in accordance with the Impresa Aerospace LLC. PO or best commercial practice to protect product from damage and /or deterioration. Supplier must take in to consideration THE PREVENTIO OF FOD FOR ANY PRODUCT SHIPPED TO IMPRESA AEROSPACE.</p>
IAPOC-026	<p>MATERIAL ACCOUNTABILITY – Supplier is to return all unused/scrap material to IA. for accountability.</p>
IAPOC-027	<p>100% TRACEABILITY – Traceability to raw material must be maintained throughout the manufacturing process. Supplier is to maintain heat lot, work order and/or serial number traceability at all times.</p>
IAPOC-028	<p>TEMPORARY PART MARKING – Each individual article on this purchase order shall have temporary identification applied/maintained prior to shipment to IA. Any one of the following methods of identification may be used:</p> <p>Vibro-etching of part/serial number on tool tab, or in excess areas of no tool tab is present. Tag tied to part indicating part/serial number. Attach label to the outside of each individually wrapped, boxed or bagged part. Lot tag indicating part number and quantity.</p>
IAPOC-029	<p>TRAINING/CERTIFICATION – Supplier shall conduct training, personnel certification and recertification as necessary to assure effective accomplishment of special processes and inspection operations.</p>
IAPOC-030	<p>SAFETY – Supplier shall maintain in Industrial Safety Program applicable to their operations, facilities and equipment. Industrial Safety includes identification, elimination and/or control of hazards in employee accident prevention and fire prevention/protection in accordance with Federal, State and local standards and regulation.</p>
IAPOC-031	<p>CERTIFIED TEST REPORT/RAW MATERIAL CERTIFICATION AND COUNTERFEIT PRODUCT AS DEFINED BY AS6174 and AS5553 – Product or Material shall be supplied with Certified Test Report and Raw Material Traceability/Certification at all times unless noted by Buyer P/O.</p> <p>TEST SPECIMENTS Shall be required when there is a design approval from Impresa Aerospace LLC. Customer, Inspection, Investigation or Audit.</p> <p>Impresa Aerospace will hold all suspect material to ensure the supply chain is not compromised by any material being returned. Impresa will segregate and assesses the returned items until validated as authentic and unused. Product (Material, Hardware, Paints Sealants, Parts, Assemblies, Electronics) identified as counterfeit product will be reported to internal organizations, customers, government reporting organizations, industry supported reporting programs, and criminal investigative authorities .</p> <p>MATERIAL SUBSTITUTION PROHIBITION A. Unauthorized Material Substitution (General) Unauthorized material substitutions are not permitted on Buyer's Goods. Unauthorized material substitution includes any deviation from the engineering definition of a raw material. Engineering definition includes Buyer design drawing and applicable specifications, product specification, form, size, shape, chemistry, melt method, origin, temper/condition, product testing or surface finish. Alternate materials specified in the engineering definition (and often described as approved material substitutions therein) do not constitute unauthorized material substitution. Terms and definitions for metallic materials and processing used herein are clarified in ARP1917.</p>

Contact Buyer's Authorized Procurement Representative for details regarding deviations to authorized materials. Seller agrees and understands that such deviations only apply to this purchase contract, and only as indicated in the Buyer's authorized document.

(1) Automatic Substitution - Those substitutions which meet the automatic substitution criteria set forth in it's specification and therefore do not require specific Engineering approval.

(2) Engineering Substitution - Those substitutions which do not meet the automatic substitution criteria set forth in it's specification and therefore require specific Engineering approval.

Notice of unauthorized material substitution is prohibited.

B. Metallic Materials (Specific)

Temper or Condition Conversion - Unless specifically authorized by the engineering definition, conversion of a raw material (i.e. heat treat to change the temper or condition of the material) constitutes material substitution of the condition provided by the manufacturer.

Metallic Raw Materials – Buyer's engineering drawings may refer to obsolete or superseded specifications covering several forms, thicknesses, widths, etc. of the alloy or alloys. The required characteristics of these materials are defined not only by the objective test standards of the specification, but by the processes/methods by which this final form is achieved. These requirements are often captured in the definitions of the required material forms, and may not be explicitly called out in the detailed requirements. The raw material certification results from both the process used to make it and the tests to verify basic properties.

Seller shall ensure that metallic materials covered by current or obsolete/superseded specifications are produced using the standard industry practices designed strictly for the production of stock to the specified thickness, diameter, width or cross sectional area, achieved by thermo-mechanical processing or casting process. Chemical, electrochemical and mechanical methods used for the removal of surface scale or contamination, or the production of the required surface finish, in accordance with the material specification are acceptable. Raw material must not be re-certified with respect to thickness, diameter, width or cross sectional area or product form. Machining or cutting of thicker product or other product forms shall not be supplied in lieu of specified product unless specifically authorized by Buyer. Raw material certifications for material or parts shall reflect the form and size of the raw material as originally manufactured by the raw material producer.

C. Specification Supersession:

For government specifications and standards canceled after June 1994, Seller and subcontractors at all tiers shall use the last active revision of the canceled specification and standard until an acceptable replacement is included in the requirements of this Contract. Contact the Buyer's Authorized Procurement Representative in the event of any inconsistency in applicable specification or standard.

D. Reports (Full Pedigree from melt to final product) - Raw material certifications shall show clear traceability to the manufacturer(s) of the raw material including ingot source, all thermo-mechanical processing (i.e. forging, rolling, drawing, etc), heat treatment, chemical processing and inspections as required by applicable raw material specification requirements.

E. Chain of Custody (Disguising intermediate ownership) – Suppliers shall not disguise the pedigree of material or chain of ownership by removal of a previous supplier's name, nomenclature or identification.

F. Source of Additional Information - Addition information and guidance may be found through Buyer's Supplier Portal or Buyer's Authorized Procurement /Quality Representative.

G. COUNTERFEIT PARTS DETECTION AND AVOIDANCE SYSTEM REQUIREMENTS

Seller shall meet the following additional requirements for raw material, parts, assemblies, paints , sealants, and electronic parts procured by or on behalf of Seller:

i. Seller shall implement a counterfeit parts detection and avoidance system consistent with the requirements of the latest dated version of SAE standard AS5553 Electronics and AS6174 Material, as of the effective date of this contract.

ii. Seller shall include the substance of this article, including this flow down requirement, in all subcontracts for electronic parts awarded by Seller for work under this Contract.

iii. Seller shall identify in its flow down the reporting to its customer the identification of counterfeit product. The documented processes shall assure that all occurrences of counterfeit materiel are reported, as appropriate, to internal organizations, customers, government reporting organizations, industry supported reporting programs, and criminal investigative authorities.

iiii. Materiel Control

The documented processes shall specify methods for manufacturers to:

a. Control excess and nonconforming materiel to prevent it from entering the supply chain under fraudulent circumstances.

	<p>b. Control/destroy any suspect or confirmed counterfeit materiel to preclude its use or reentry into the supply chain.</p> <p>c. Establish a process to ensure the supply chain is not compromised by any material being returned. Manufacturers/suppliers and their approved supply chain shall implement an effective returns process which segregates and assesses the returned items until validated as authentic and unused.</p> <p><u>H. The substance of this Article shall be flowed in all subcontracts at every tier.</u></p>
IAPOC-032	<p><u>FLOWDOWN OF REQUIREMENTS (DFARS 252.225.7009 AND PURCHASE ORDER)</u></p> <p>When required by contract or P/O, Raw Material or Items, which contain "Specialty Metals" (Defined as certain Steel and other alloys, Titanium and Zirconium) Shall be acquired from Domestic or Qualifying Country Resources. Additional flow downs as related to the purchase order requirements, Including but not limited to purchasing documents and key characteristics.</p>
IAPOC-033	<p>FOREIGN OBJECT DEBRIS (FOD) – Supplier shall have a written system for the prevention of FOD. This system must show evidence of a written practice, effective employee training and a corrective action system when FOD is detected. This system must demonstrate employee awareness and be audited on an on-going basis. Supplier shall certify in their Certificate of Conformance (C of C) that parts are free from FOD.</p>
IAPOC-034	<p>CUSTOMER FURNISHED MATERIAL – Material furnished by the customer shall be inspected upon receipt for obvious damage, corrosion, inadequate preservation or other conditions which would adversely affect the usability of the material or its suitability for storage. Materials received in an unsatisfactory condition shall be reported immediately to IA. Quality, and shall be protected against further damage or deterioration pending disposal instructions from the customer.</p>
IAPOC-035	<p>SHELF LIFE CONTROL – Limited-life articles shall be marked to indicate date, time or cycle the critical life was initiated and the date, time or cycle the useful life will be expended.</p>
IAPOC-036	<p>SOURCE INSPECTION OF FIRST ARTICLE – First article inspection(s) shall be performed per AS9102 on the first part produced for new parts, or changes to tools, NC tapes, configuration or processes. Supplier is to provide FAI report, FAI part(s) and all substantiating data to IA. Source Inspector for verification and approval. Where supplier has been contracted to fabricate tooling or complete programming in support of FAI part(s), the FAI report shall list all associated tools and/or programs. Objective evidence of the existence of the tools and/or programs shall also be provided (such as a photo with IA. Tool ID visible or copy of planning indicating NC program call-out).</p>
IAPOC-037	<p>INSPECTION REQUIREMENTS AFTER FAI – Subsequent to approval of FAI part(s), 100% inspection is required for all parts and/or assemblies. However, an inspection sampling plan may be implemented when approved by IA. Quality (and IA. customer where required) under the following conditions: Inspection sampling plan must not allow any rejections (ie c=zero) Inspection sampling plan must be per standard industry guidelines such as ANSI or MIL-HDBK Inspection sampling plan must be documented NOTE: Sampling of non-destructive inspection (e.g. liquid penetrant, eddy current, mag particle, radiographic, c-scan, a-scan) is not allowed.</p>
IAPOC-038	<p>100% TRACEABILITY – Traceability to manufacturer lot number shall be maintained throughout the manufacturing process for all hardware (standard parts, rivets, fasteners, etc) and bonding/finishing materials (primers, paints, adhesives, sealants, potting compounds, coatings, etc).</p>
IAPOC-039	<p>PART MARKING – PRODUCTION LOT TRACEABILITY – All parts (excluding standard hardware) shall be identified with part number and revision level, cage code, production order number and inspection acceptance stamp.</p>
IAPOC-040	<p>PART MARKING – SERIALIZED TRACEABILITY – All parts (excluding standard hardware) shall be identified with part number and revision level, cage code, production order number, unique serial number, special processing transfer stamp(s), and inspection acceptance stamp.</p>
IAPOC-041	<p>TOOLING IDENTIFICATION – Tooling shall be identified using a IA. Tooling Identification Tag and/or IA. Tooling Information.</p>
IAPOC-042	<p>PROHIBITED MATERIALS – The use of pure Tin, Zinc and Cadmium shall be prohibited as a surface finish for Space hardware, and as follows, except when approved in advance in writing.</p> <p>A) TIN: The prohibition of pure unalloyed Tin shall include the surface finish on components or parts used inside a hermetic cavity or encapsulated within an assembly (i.e. terminations on chip capacitors in hybrids; the potted portion of leads on devices that are encapsulated). Solder-dipped Tin alloy finishes shall contain at least 3% Lead</p>

	<p>or at least 3 ½% Silver. All other Tin and Tin alloy finishes shall contain at least 3% Lead.</p> <p>B) ZINC: Un-plated Brass (an alloy containing Copper and Zinc as the main constituents) containing greater than 21% Zinc shall be prohibited. Brass with greater than 21% Zinc shall be acceptable if the Brass is over-plated with a minimum of 50 micro-inches of Nickel or 100 micro-inches of either Copper or Gold. Un-plated alloys other than Brass that contain greater than 10% Zinc shall be prohibited. Un-plated alloys other than Brass alloys that contain greater than 10% Zinc shall be acceptable if they are over-plated with a minimum of 50 micro-inches of Nickel or 100 micro-inches of either Copper or Gold. Zinc or alloys containing Zinc that are sealed within a hermetic cavity shall be acceptable.</p> <p>C) CADMIUM: Un-plated alloys containing greater than 5% Cadmium shall be prohibited. Alloys containing greater than 5% Cadmium shall be acceptable if they are over-plated with a minimum of 50 micro-inches of Nickel or 100 micro-inches of either Copper or Gold. Cadmium or alloys containing Cadmium that are sealed within a hermetic cavity shall be acceptable.</p> <p>Hazardous Material Supplier agrees to furnish the applicable Material Safety Data Sheet (MSDS) With each shipment, for products designated by Industry, State, or Federal Agencies as Hazardous Material.</p>
IAPOC-043	<p>RAW MATERIAL (ALUMINUM) – Supplied aluminum raw material shall meet the requirements of Industry Specification AMS QQ-A-250A (workmanship) and the requirements of the specific alloy specification(s) detailed in the Purchase Order. Material shall be oiled/preserved and full surface area interleaved after manufacture and whilst in storage/transportation, and packaged/protected per ASTM B660 (including 'overseas' packaging where applicable). All material furnished against the above purchase order were produced in conformance with all applicable specifications and drawings as referenced therein. Additionally, We certify the material and /or parts supplied are free from mercury contents and all production has been conducted in a mercury free environment.</p>
IAPOC-044	<p>INTERCHANGEABILITY & REPLACABILITY – Interchangeability demonstrations are required on products identified as Interchangeable and Replaceable (I and R) on the drawing. When the requirement is identified, the design of the demonstration shall be coordinated with IA. Supplier Quality.</p>
IAPOC-045	<p>ITAR REGISTRATION REQUIREMENTS Seller shall comply with International Traffic in Arms Regulation §122.1, Registration requirements.</p>
IAPOC-046	<p>EXPORT LICENSING INFORMATION/OFFSHORE PROCUREMENT</p> <p>a. This contract, including any attachments or exhibits hereto, may contain information which is subject to the International Traffic in Arms Regulations (ITAR) or Export Administration Regulations (EAR) which may not be released to foreign concerns or foreign persons either inside or outside the United States without first obtaining the proper export authority. Seller shall obtain an export license pursuant to the requirements set forth herein for any items that Seller either manufactures or subcontracts outside the U.S or before allowing access to any technical data by a foreign person in the United States. If Seller is a "Foreign Person" (as defined by the International Traffic in Arms Regulations [ITAR] reference 22 CFR Sub-chapter M) the Seller shall, upon request of Buyer's Procurement Agent and without additional cost, provide such information as may be necessary to support Buyer's application for export license(s) covering any items ordered from Seller hereunder.</p> <p>b. This Contract may contain defense related technical data. Buyer has obtained, or will obtain, the approval of the U.S. Government to furnish to Seller the data, and any other items hereunder requiring such approval, which are necessary for Seller to perform this Contract. U.S Government approval is based upon the following ITAR requirements with which Seller agrees to comply:</p> <p>(1) Seller shall use the technical data furnished by Buyer only in the manufacture of defense articles in accordance with this Contract.</p> <p>(2) Seller shall not disclose or provide technical data furnished by Buyer to any person except authorized U.S. citizen, protected person, permanent resident alien (immigrant alien). If Seller is a "Foreign Person," it may also disclose or provide technical data furnished by Buyer to its employees who are citizens of the same country and qualified subcontractors in the same country, which require the data in performance of the subcontracts.</p> <p>(3) Seller shall not disclose or provide technical data furnished by Buyer to any foreign person either in the U.S. or abroad unless obtaining prior authorization directly from the U.S. Department of State Office of Defense Trade Controls (ODTC). ITAR defines a "foreign person" as any person who is not a U.S. citizen, permanent resident alien, or a protected individual as defined by 8 USC 1324B(a)(3). Foreign person also means a foreign corporation (corporation not incorporated in the U.S.), foreign government, and any agency or subdivision of foreign governments (i.e. diplomatic mission).</p> <p>(4) Seller shall not acquire any rights in the data furnished by Buyer except to use it in the performance of this Contract. Seller also shall not convey to its qualified subcontractors any greater rights in the data than Seller has. Seller's qualified subcontractors shall only have the right to use the data as required in performance of their subcontracts.</p> <p>(5) Seller shall deliver the defense articles manufactured in accordance with this Contract only to Buyer or to the U.S. Government.</p> <p>(6) Upon completion or termination of this Contract, Seller shall destroy or return to Buyer all proprietary</p>

	<p>information, technical data furnished to Seller by Buyer pursuant to this Contract. At Buyer's election, Buyer may direct Seller to return or destroy the data and may require Seller to certify in writing that Seller has complied.</p> <p>(7) Seller shall impose these requirements, (1) through (7), suitably revised to identify the parties properly, on all of its subcontractors to which Seller intends to furnish technical data provided by Buyer for use by the subcontractors in performance of the subcontracts.</p> <p>(8) PROPRIETARY INFORMATION Subcontractors upon receipt of proprietary information shall at no time allow Buyers documents out side of their facility or released with out approval from buyer. Subcontractors shall comply with customer requirements at all times and shall have documented procedures and training records. Completion or termination of this Contract, Seller shall destroy or return to Buyer all proprietary information, technical data furnished to Seller by Buyer pursuant to this Contract. At Buyer's election, Buyer may direct Seller to return or destroy the data and may require Seller to certify in writing that Seller has complied</p>
IAPOC-047	<p>OZONE-DEPLETING SUBSTANCES "Ozone-depleting substance," as used in this clause, means any substance the Environmental Protection Agency designates in 40 CFR Part 82 as: (1) Class I, including, but not limited to, chlorofluorocarbons, halons, carbon tetrachloride, and methyl chloroform; or (2) Class II , including, but not limited to hydrochlorofluorocarbons. Seller shall label products which contain or are manufactured with ozone-depleting substances in the manner and to the extent required by 42 U.S.C. 7671j (b), (c), and (d) and 40 CFR Part 82, Subpart E, as applicable: Warning Contains *_____, a substance(s) which harm(s) public health and environment by destroying ozone in the upper atmosphere. Warning Manufactured with *_____, a substance(s) which harm(s) public health and environment by destroying ozone in the upper atmosphere. * Seller shall insert the name of the substance(s). Impresa and its customers requires that the provisions/requirements set forth above be included in Seller's direct supply contracts as well as the obligation that they be flowed to the sub-tier supply chain.</p>
IAPOC-048	<p>BASIC WORKING CONDITIONS AND HUMAN RIGHTS The seller shall not violate any basic working conditions and human rights. The seller commits that any material violation of law by seller relating to basic working conditions and human rights, including laws regarding slavery and human trafficking, applicable to seller's performance under this contract/agreement may be considered a material breach of this contract/agreement for which Impresa and its customers may elect to cancel this contract/agreement, or exercise any other right of Impresa and its customers for an event of default under this contract/agreement.</p>
IAPOC-049	<p>VALIDATION OF RAW MATERIAL TEST REPORTS When Seller utilizes test reports to accept Seller purchased raw material, the following requirements apply: Test reports shall be checked 100% against Seller's requirements and applicable specifications. Validation test requirement: Seller shall periodically validate test reports for raw material accepted on the basis of test reports. That validation shall be accomplished by Seller or other independent party through periodic, scheduled tests of raw material samples. Schedules for frequency of tests will be established by Seller based on historical performance of the raw material supplier. Seller shall retain test reports provided by the raw material supplier, as well as Seller's validation test results as quality records traceable to the conformance of Goods, as specified elsewhere in this Contract.</p>

Changes to previous revision are identified with asterisk *.