



Quality Clauses

QC-001 (2/13/2018)

First Article Inspection PPAP Level 3- A First Article Inspection (FAI) is required as part of this purchase order. The total FAI package is required to be delivered with the first shipment of hardware under this order including all physical, chemical, certifications, and test documents required to prove conformance to all characteristics. The FAI must include one (1) sample part; represent all cavities, and tools. The FAI package is to be labeled with "FAI Enclosed – Please forward to the Quality Department".

-The label must include the following: -Part Number

-Part Name or Program Name

-Purchase Order Number

-Date of Submission

-FAI Parts Included – Yes or No

QC-002 (8/1/2017)

First Article Inspection - A First Article Inspection (FAI) is required as part of this purchase order. It is the supplier's responsibility to conduct an FAI on one of the first 5 pieces delivered under this order to verify conformance of all physical, chemical, and test requirements specified as part of this order. These records are to be maintained at the supplier's facility and are subject to W International verification upon request. These records must be maintained for a minimum of 7 years or as required by contract.

QC-003 (8/1/2017)

First Article Inspection Report – A FAI Inspection report shall be delivered with the first shipment of material under this order. The inspection report shall validate all value added work performed or subcontracted by the supplier under this PO. Dimensional reports should be correlated to a "Ballooned Drawing" for all dimensions and notes as applicable.

QC-004 (2/13/2018)

Dimensional Report – A full dimensional report for each part is required with this order and must accompany each shipment of hardware.

QC-005 (8/1/2017)

Certificate of Conformance – A Certificate of Conformance (COC) shall be delivered with each shipment. A signature, date and title of the responsible Quality Representative shall be included. Data supporting the COC shall be kept on file and made available upon request.

QC-006 (8/1/2017)

Certified Quality Management System - The supplier must maintain a Quality Management System that is certified to AS9100 or an ISO Quality System Standard such as ISO 9001 or TS16949. The system is subject to approval and/or periodic review by W International. W International contracted suppliers are responsible to document and control any portion of this contract that is to be performed by them and extend applicable portions of this contract to any tertiary suppliers.



QC-007 (8/1/2017)

Commercial Catalog Item - This is a commercial item procured from a catalog source. The packing list shall state "commercially procured item" boldly in upper case characters on the face of the packing list/shipping document to preclude further inspection by the receiving facility. Failure to mark the packing list as instructed may result in the shipment being inspected and/or rejected at the supplier's expense.

QC-008 (8/1/2017)

Source Inspection – W International source inspection/acceptance is required on this order. Supplier shall notify the buyer five (5) working days prior to start of acceptance test or inspection to allow for scheduling of a W International quality representative to be in attendance. The supplier shall have technical data (e.g. drawing, QAR, specification, certification, etc.) available for use in support of source inspection.

QC-009 (8/1/2017)

Process Flow Chart / Control Plan - A Process Flow Chart/Control Plan (FC/CP) must be developed as part of this order. This document is to be attached and submitted to the buyer and approved by W International prior to shipment of this order. The FC/CP must provide a logical representation of the manufacturing process flow and process control points. This document can be used as an aid for work station development, identifying process control points, defining the methods being used at these control points, and must include all key product characteristics such as KPC/QARs/QAPs and all out sourcing identification. A walk through of the manufacturing process to include a review of the FC/CP and work instructions should be anticipated as a means to validate process requirements. The FC/CP will be used as part of the Process/Product Validation.

QC-010 (8/1/2017)

Heat Lot Traceability - This PO requires heat lot traceable material. These records must identify the plate heat lot number for each individual part required for this PO and for all quantities. Each individual part must be permanently marked with the heat lot number. Material traceability must be maintained throughout all manufacturing processes including outsourcing.

QC-011 (8/1/2017)

Safeguarding Distribution Statement D Documents- Records and Documentary Material marked Distribution Statement D shall not be left unattended on desks but will be placed in a secured out of sight location. At the close of business, Distribution Statement D Records and Documents shall be stored so as to preclude unauthorized access.

Filing such material with other unclassified records in unlocked files, desks, etc., will be adequate where normal internal building security is provided during non-working hours. When such internal security is not exercised, the material will be stored in locked rooms or receptacles, I.E., a file, desk, bookcase, etc.



Documents or records containing Distribution Statement D information shall be transported between offices in the same manner as regular material. First class mail or ordinary parcel post may be used for transportation outside the seller's premises.

Documents marked Distribution Statement D (FOUO) may be destroyed by any means approved for the destruction of classified information of by any means that would make it difficult to recognize or reconstruct the information. (reference DODM 5200.01-V4, February 24, 2012)

QC-012 (12-5-2017)

Traceability Marking of Level 1 and/or Subsafe Category 1 Assemblies- The Major Level 1 and/or Subsafe part of each assembly shall be marked with unique identifier traceable to both the lot of major Level 1 and/or Subsafe parts and the lot of assemblies.

Each Major Level 1 and/or Subsafe assembly requiring test reports shall be marked with a unique identifier traceable to all Level 1 and/or Subsafe material requiring test reports in the assembly. The unique identifier shall consist of the purchase order number, a dash, the line item number, another dash and a serialized unit number. Example: PPW102-010-1-12.

Note: The total number of characters for the unique serial numbers, including the specified dashes, shall not exceed 22 characters.

The test reports for the Major Level 1 and/or Subsafe piece parts of each assembly shall be marked with unique identifier to which they are applicable. Those test reports which report more than one heat treatment lot load must identify the unique identifier to the specific heat and load that it is applicable to.

For markings of the major Level 1 or Subsafe part of the pressure containing assemblies, a homogeneous lot of assemblies shall consist of assemblies of the same normal size, type and style. The Major Level 1 and/or Subsafe part of each assembly shall be from one heat of material and shall be heat treated in the same batch or continuous process under the same conditions. Heat treated conditions shall include annealed, age-hardened, annealed and age-hardened, normalized and tempered, and quenched and tempered.

When a conflict exists between the lot definition given herein for marking and the lot definition in the assembly specification, the lot definition herein shall take precedence for marking of the major level 1 and/or Subsafe part in each assembly.

QC-013 (2-13-2018)

C = O Sampling Plan - Product inspected by a sampling plan for delivery on this purchase order must use an acceptance number zero; i.e. accept on zero defects and reject the lot on one or more defects. AQL's may be used to establish the proper sample size, however, the acceptance number is zero. Inspection data shall be kept on file and made available upon request.

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QC-014 (2-13-2018)

C = O Sampling Plan Deliverable- Product inspected by a sampling plan for delivery on this purchase order must use an acceptance number zero; i.e. accept on zero defects and reject the lot on one or more defects. AQL's may be used to establish the proper sample size, however, the acceptance number is zero. The Type, Quantity and Results of the sample inspections must accompany each shipment of hardware.

QC-015 (12-5-2017)

Special Certification - Seller Use of W International Furnished Material – The seller shall account for all buyer supplied material.

Certification is required that materials supplied by buyer for use on this order, in fact, were used by the seller in the manufacture and/or assembly of equipment on this order without exception or substitution of other materials, unless the substitution has been specifically authorized by buyer in writing.

A copy of the said certification signed and dated by seller's authorized representative is to accompany each shipment of material on this order.

QC-016 (1-15-2018)

Safeguarding Covered Defense Information and Cyber Incident Reporting – The seller and their suppliers are required to provide adequate security on covered contractor information systems that, at a minimum, meets the requirements of National Institute of Standards and Technology (NIST) Special Publication (SP) 800-171

QC-017 (3-6-2018)

Material Certification – Material certification data (chemical analysis, mechanical and physical testing) is required with this order and must accompany each shipment. Physical material and/or packaging containing the material must be identified with the heat lot number. Certification data must be recorded on the testing company's letterhead and shall bear the name, title, and signature of the authorized company representative. Certification data shall be either the original mill certification, original certification from the testing facility or exact photocopies of the original certifications.

QC-018 (4/25/2018)

Shelf Life Requirement - The seller shall identify those items and / or assemblies that have a specific shelf life requirement. At minimal, the part number, date manufactured, shelf life, and MSDS, as applicable, will be marked on each individual container. Seventy-five percent of the product shelf-life is required upon receipt at W International.

QC-019 (6/26/2018)

Marking Requirements for Supplied Material – Material identification requires transfer of all markings on customer supplied material, as applicable.



The final markings, in addition to the purchase order requirements, is to be maintained on the material in accordance with the table below. Required markings must be maintained throughout all operations. (Not all below markings may be on plates as received)

<u>Type of Markings to be maintained</u>	<u>Example</u>
EB3952 Designators	NCA (2 or 3 letters)
Vendor Serial Number	PPY241-001-1-2000-9
MIC#	NCZ10048-044G
Material Heat Lot 731236 NDT Marking UT; MT; RT; VT Note: Marking to be performed by use of the vibro tool method or low stress steel die where legibility may degrade, the area being marked must be coated with a blue dykem type solution prior to etching.	

QC-020 (6/26/2018)

Internal and External Threads – Fabricated internal and/or external threads shall be inspected using the appropriate Go/No Go gages to verify the final thread form.

QC-021 (10/16/2018)

CONTROL OF NAVAL NUCLEAR PROPULSION INFORMATION (NNPI)-(APPLIES TO BID SOLICITATIONS, LETTER CONTRACTS, AND/OR PURCHASE_ORDERS CONTAINING NNPI.)

This bid solicitation (e.g., request for proposal/quotation), letter contract, purchase order, and/or supporting documentation contains naval nuclear propulsion information (NNPI) which is subject to special export and other controls. Other contractual and/or legal requirements regarding disclosure also apply.

The prospective bidder is to return the bid solicitation in its entirety and any copies of documents made in the event that it does not agree to this provision. In such a case, the prospective bidder shall be deemed to have declined to submit a proposal or "no bid" the solicitation.

The designation NOFOR indicates that the document contains unclassified NNPI. Classified NNPI is identified by other markings designated in OPNAVINST N9210.3.

NNPI may not be disclosed to foreign nationals, foreign interests, or representatives of foreign interests (regardless of citizenship).

Bidder/seller is required to comply with all NNPI special marking, handling, disclosure, and disposal requirements of OPNAVINST N9210.3 (consult with buyer for the latest revision applicable) and with all clauses in W International terms and conditions of purchase dealing with NNPI, which may include (with or without clause number):

-NAVSEA 5252.227-9100, protection of naval nuclear propulsion information (see note 1)

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-NAVSEA 5252.227-9100, transmission abroad of equipment or technical data relating to the nuclear propulsion of naval ships (see note 1)

Note 1: unless otherwise specifically stated in the purchase order, substitute the wording "OPNAVINST N9210.3" for the "NAVSEAINST 5511.32c" in these two clauses wherever it may appear.

Disposal-seller is required to dispose of documents containing NNPI and components and equipment that reveal NNPI in accordance with OPNAVINST N9210.3. In addition, for components with NNPI markings, seller must remove all NNPI markings from material produced under this purchase order but not delivered.

Security agreement for protection of unclassified NNPI ("U-NNPI) (excerpted and modified from OPNAVINST N9210.3 appendix c.)

Bid solicitations and purchase orders/subcontracts/letter contracts/(collectively "purchase order").

In the case of a bid solicitation where no "purchase order" yet exists, or, in the case of a "purchase order" award, the following applies:

(A) By receiving and acting on this bid solicitation (e.g., rfq/rep) or this "purchase order", the prospective bidder (the addressee of the solicitation) or awardee agrees that when documents provided (e.g., rfq, P.O., specifications, drawings, etc.) Are marked as containing NOFORN sensitive information that must be controlled pursuant to federal law and/or contractual requirements that:

- (1) the information contained therein and generated as part of the inquiry shall be used only for the purpose stated in the inquiry and purchase order, and
- (2) they shall in no case be transmitted outside the prospective bidder's/awardee's company (unless such transmittals comply with the detailed guidance of the inquiry and purchase order, and, except to prospective subcontractor's who have a specific need to know and to Whom the prospective bidder/awardee has determined to be eligible to receive it and has invoked similar controls), and
- (3) they shall not be transmitted or disclosed to any foreign national or foreign interest, whether within or outside the prospective bidder's company, and
- (4) while in use the documents shall be protected from unauthorized observation, and
- (5) they shall be kept secure so as to preclude access by any persons not having a legitimate need to view them, and
- (6) they shall not be copied unless done in conformance with the detailed guidance of the inquiry and purchase order and except to the minimum extent required to provide a bid response or perform on a resultant purchase order, and
- (7) following preparation/submittal of the bid solicitation response, the documents and copies shall be promptly returned in their entirety to the buyer unless authorized by the buyer for retention or proper disposal following completion of the purchase order.

(B) In addition, the following specific requirements for protecting U-NNPI apply:

- (1) only U.S. citizens who have a need-to-know required to execute the "purchase order" shall be allowed access to U-NNPI.
- (2) when not in direct control of an authorized individual, U-NNPI must be secured in a locked



container (e.g., file cabinet, desk, safe). Access to the container must be such that only authorized persons can access it, and compromise of the container would be obvious at sight. Containers should have no labels that indicate the contents. If removed from the site, U-NNPI must remain in the personal possession of individual. At no time should U-NNPI be left unsecured (e.g., in a home or automobile, or unattended in a motel room or sent with baggage).

- (3) U-NNPI documents will have the word "NOFORN" at the top and bottom of each page, the cover sheet will have the warning statement shown below. Documents originated in the course of work that reproduce, expand, or modify marked information shall be marked and controlled in the same way as the original. Media such as video tapes, disks, etc., must be marked and controlled similar to the markings on the original information.

(NOTE: the following distribution warning statement is for training purposes only).

NOFORN: this document is subject to special export controls, and each transmittal to foreign governments or foreign nationals may be made only with the approval of naval sea systems command.

- (4) U-NNPI may not be processed on networked computers with outside access unless approved by the CNO (N00N). If desired, the company may submit a proposal for processing NNPI on company computer systems. Personally owned computing systems, such as personal computers, laptops, personal digital assistants, and other portable electronic devices are not authorized for processing NNPI. Exceptions require the specific approval of the cognizant DAA and CNO (N00N).
- (5) U-NNPI may be faxed within the continental United States and Hawaii provided there is an authorized individual waiting to receive the document and properly control it. U-NNPI may not be faxed to facilities outside the continental United States, including military installations, unless encrypted by means approved by the CNO (N00N).
- (6) U-NNPI may be sent within the continental United States and Hawaii via first class mail in a single opaque envelope that has no markings indicating the nature of the contents.
- (7) documents containing U-NNPI shall be disposed of as classified material.
- (8) report any attempts to elicit U-NNPI by unauthorized persons to the appropriate security personnel.
- (9) report any compromises of U-NNPI to the appropriate security personnel. This includes intentional or unintentional public release via such methods as theft, improper disposal (e.g., material not shredded, disks lost), placement on web site, transmission via e-mail, or violation of the information system containing U-NNPI.

QC-022 (12/3/2018)

First Piece Inspection (part/report) - A First Piece Inspection (FPI) is required as part of this purchase order. It is the supplier's responsibility to conduct an FPI on the first part produced to be delivered under this order to verify conformance of all physical, chemical, and test requirements specified as part

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of this order. The **part and associated FPI report** is required to be sent to W international for approval prior to further production of this order. Dimensional reports should be correlated to a “Ballooned Drawing” for all dimensions and notes as applicable.

QC-023 (12/4/2018)

First Piece Inspection (report)- A First Piece Inspection (FPI) is required as part of this purchase order. It is the supplier’s responsibility to conduct an FPI on the first part produced to be delivered under this order to verify conformance of all physical, chemical, and test requirements specified as part of this order. The associated **FPI report** is required to be sent to W international for approval prior to further production of this order. Dimensional reports should be correlated to a “Ballooned Drawing” for all dimensions and notes as applicable.

QC-024 (12/4/2018)

First Piece Inspection / Source Inspection- A First Piece Inspection (FPI) is required as part of this purchase order. It is the supplier’s responsibility to conduct an FPI on the first part produced under this order with W International Source Inspection in attendance. Supplier shall notify the buyer five (5) working days prior to start of FPI to allow for scheduling of a W International quality representative to be in attendance. The supplier shall have technical data (e.g. drawing, QAR, specification, certification, etc.) available for use in support of FPI/source inspection. An associated FPI report must be provided to W international for approval prior to further production of this order. Dimensional reports should be correlated to a “Ballooned Drawing” for all dimensions and notes as applicable.

QC-025 (12/4/2018)

Inspection Requirements for Threaded Holes – Inspection shall include use of appropriate size threaded internal functional, fixed limit Go/No Go gages to verify the final tapped hole thread form. In addition, Go/No Go cylindrical plug gages shall be used to ensure the threaded hole meets the minor diameter requirements of the threaded hole. Use of an inside micrometer or Intrimik to measure the thread minor diameter in lieu of a cylindrical plug gage is acceptable, but not required.

Note: Insert threaded Go gage to full thread depth. Insert plain cylindrical plug Go gage to full depth. No Go thread plug gage shall not enter more than 3 turns. Verify that the number of complete threads meet drawing requirements.

100% inspection of each thread (tapped) hole shall be performed on specified items. The inspection records shall document accomplishment of the inspection of threaded (tapped) holes and retained on file.