



# ITT

*Engineered for life*

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### SUPPLEMENTAL PURCHASE ORDER CONDITIONS

1. Latest revisions to specifications and drawings apply unless otherwise specified.
2. **MERCURY CONTAMINATION CERTIFICATION**  
If an annual certification is not on file at ITT, the following Certificate of Compliance shall be executed by a responsible officer of your company and shall be submitted with each shipment product against an ITT Santa Ana, California, purchase order stating "Mercury Free Certification required". The conditions of purchase forming a part of this order stipulate that: materials furnished under this order shall be free from contamination by presence of mercury. The requirements stated below form a part of this order.  
  
**BACKGROUND:** Mercury is corrosive to gold, silver, nickel stainless steel, aluminum and copper alloys. Accidental trapping of mercury in component could cause serious damage to vital parts. Mercury is also toxic if inhaled, ingested or absorbed through the skin. It is evident that grave consequences could result from small amounts of mercury vapor present in an unreplenished atmosphere.  
**(A) REQUIREMENTS:** (Reference MIL-STD-767) material furnished under this purchase order shall not contain functional mercury in any form.  
**(B)** Mercury-bearing instruments and/or equipment which might cause contamination shall not be used in the manufacture, fabrication, assembly or testing of any material furnished under this purchase order. The most probable causes of contamination are direct connected mercury manometers, mercury vacuum pumps. Mercury seals, mercury-in-glass thermometers, fluorescent lights or handling or mercury in the immediate vicinity. In case of doubt or question or manufacturing procedures, you may call ITT Santa Ana for assistance.  
**(C)** In the event of any accident involving mercury contamination of the material being furnished on this purchase order or suspicion of such contamination, ITT Santa Ana shall be notified immediately.  
**(D)** Your sub-contractors must be notified of and must comply with the requirements of this notice.
3. ITT reserves the right to perform any inspection and tests deemed necessary to assure product conformance at the supplier's facility.
4. The supplier's gauges, measuring and testing devices shall be made available for reasonable use by ITT when required to determine quality of product. If conditions warrant, supplier's personnel shall be made available for operation of such devices and for verifications of their accuracy and condition.
5. Obsolete 05/20/09. Cancelled in favor of Purchase Order Terms and Conditions Item #37.
6. The supplier's quality and inspection systems shall conform to the requirements of at least one of the following: ISO-9001, AS 9100, AS 9003, TS16949, MIL-I 45208. Equivalent systems may be considered for approval by ITT. The supplier's inspection system may be subject to on-site assessment by representatives from ITT
7. Obsolete 09/01/99.
8. The supplier's calibration system shall conform to the requirements of; MIL-I-45662, ISO-10012-1, ANSI/NCSL Z540-1, or equivalent as approved by ITT. The supplier's calibration system shall be subject to inspection and approval by ITT's Quality Department and compliant with the latest issue.
9. Material chemical and physical test reports are required on this purchase order and shall be certified by the supplier. When material is ordered to a specific revision of a specification, this will be noted on the purchase order. The subject test report or certification must then evidence that specification. Revision/amendment level physical test reports shall include actual tensile strength, yield strength, elongation, reduction in area and hardness. If more than one batch, heat lot, etc. of material is used to satisfy the purchase order, certified chemical and physical test reports for each shall be provided and all material shall be provided and all material shall be marked or stamped with appropriate identification. Each certification must contain the printed or typed name, date, title and signature of the individual authorized to sign.
10. Supplier shall maintain their own "lot" identity on articles or material supplied to this purchase order. This information is to be available for ITT's review upon request. Lot numbers are not required unless specified on purchase order. Note: A lot is a homogenous group of articles or materials manufactured on the *same* production line and receiving the same processing.
11. Supplies purchased on this order contain material that is perishable and/or subject to storage life limitations. Containers shall contain the following as a minimum:
  - a) Date of manufacture and/or cure date \_\_\_\_\_
  - b) Lot and/or batch number: \_\_\_\_\_
  - c) Number and/or type of material \_\_\_\_\_
  - d) Expected storage life: \_\_\_\_\_

Certification to the above and applicable specifications and revisions/amendments must accompany material. Any of the subject material with more than 50% of its expected shelf life expended prior to receipt will be subject to rejection by ITT.
12. Vendor is expressly denied MRB authority. Material found Out of specification may be scrapped or reworked (not "repaired") to the blueprint at vendor's option. Any request for ITT disposition is to be addressed in writing to the ITT Santa Ana Purchasing Department.
13. The supplier shall incorporate good commercial practices for the preservation and packaging of all articles applying to this purchase order and shall identify each package permanently and legibly with purchase order number, manufacturer's name, part number, date shipped and packing sheet number.

- 14. PROHIBITION OF PURE TIN:**  
The uses of Pure Tin Plated finishes are strictly **PROHIBITED!** Any Tin Plating or Solder processes shall contain no less than three (3) percent Lead composition, unless specifically authorized in writing by the Procuring Agency. These restrictions apply for all types and levels of procurements, with the Seller responsible for communicating these restrictions to subcontractors or sub-tier suppliers as required.
- EXCLUSION OF HAZARDOUS MATERIALS ON EPA 17 AND DOD TOP 10 AND RoHS LISTS:**  
Every effort should be made to exclude chemicals and compounds found on the EPA 17, DoD top 10, and RoHS lists of hazardous materials (see Attachment 1) in the equipment of supplies furnished under this Purchase Order. In addition, every effort should be made to exclude hazardous materials found on said lists in the processes used to furnish equipment or supplies under this Purchase Order. Reasonable steps shall be taken to ensure that said equipment or supplies are not contaminated with any chemicals and compounds on EPA 17, DoD Top 10, and RoHS lists. Should the Technical Data Package require hazardous materials contained on EPA 17, DoD Top 10, and RoHS lists, notify the ITT buyer.
- EXCLUSION OF MERCURY:**  
The equipment or supplies furnished under this Purchase Order shall contain no metallic mercury or mercury compounds and reasonable steps shall be taken to ensure that said equipment or supplies are not contaminated with mercury or mercury compounds. Should the Technical Data Package require mercury or mercury compounds, notify the ITT buyer.
- ELIMINATION OF OZONE DEPLETING CHEMICALS:**  
The Clean Air Act (42 U.S.C. Section 7401) Title VI, Section 602A, as amended November 15, 1990, bans the production of Class 1 Ozone Depleting Chemicals (ODC) effective 1 January 1996. Process changes associated with the elimination of these chemicals, as applicable to the manufacture of the item(s) on this purchase order, must be approved by ITT prior to implementation. Notification must include technical rationale validating the new process. Should a reference for ODC be found within the Technical Data Package, please notify the individual whose name appears in the buyer field of the purchase order.
- Every effort should be made to exclude Class 2 Ozone Depleting Chemicals in the equipment or supplies furnished under this Purchase Order. In addition, every effort should be made to exclude Class 2 Ozone Depleting Chemicals found on said lists in the processes used to furnish equipment of supplies under this Purchase Order. Reasonable steps shall be taken to ensure that said equipment of supplies is not contaminated with Class 2 Ozone Depleting Chemicals. Should the Technical Data Package require Class 2 Ozone Depleting Chemicals, please notify the individual whose name appears in the buyer field of the Purchase Order.
- 15.** ITT may elect to sample inspect the material covered by this order, when sampling ITT will reject lot on first nonconformity detected (C=0). If sampling inspection is used as a means of product acceptance, the plan shall be statistically valid, and appropriate for use. The plan shall preclude the acceptance of known defectives in the lot. When required, the plan shall be submitted for customer approval. When statistical process control is used as an option for either in process or final inspection, the Seller must satisfy the requirements of AS9101, or Boeing D6-82479, Appendix A, Addendum 1.
- 16.** All Certifications, test data and evidence of inspection must bear the signature of the responsible individual. Documents must show error of final inspection. Certifications to the specification requirements called out on the engineering drawings and/or the purchase order shall be submitted with this shipment.
- 17.** When vendor performs work on material supplied by ITT. The vendor is to strictly maintain ITT lot identity and shall certify that the work was performed on the specific material provided and is in accordance with the engineering drawing, specification and/or purchase order requirements. The material certifications and test reports on the supplied material shall be the responsibility of ITT. All Certifications to the specification requirements called out on the engineering drawings and/or the purchase order shall be submitted with this shipment.
- 18. Preference for Domestic Specialty Metals:**  
Any specialty metals (as defined by the clause) included in any article delivered under this Purchase Order, must comply with the DFARS clauses 252.225-7008, 252.225-7009, & 252.225-7010. The Supplier must flow these DFARS clauses down to all sub-tier suppliers who provide articles made from or containing specialty metals which are delivered under this Purchase Order.
- 19. FIRST ARTICLE INSPECTION**  
First article inspection is a requirement of this purchase order. The supplier is required to submit first article inspection results to ITT for approval. Supplier shall include on the first article report, at a minimum, the part number, part name and tool number from which they were produced.
- 20.** Supplier identification is required. The supplier's part number and name or trademark shall be affixed to the articles defined in this purchase order in accordance with **MID-STD-130**.
- 21.** The supplier shall certify Liquid Penetrate Examination to **MIL-STD-271**.
- 22.** The supplier shall certify Liquid Penetrate Examination to NAVSEA document **0900-LP-003-8000**.
- 23.** Material hardness readings are required. Actual readings as specified on drawing or purchase order shall be taken and recorded individually. (NOTE: Reporting of a hardness range is not sufficient to meet this requirement)
- 24.** The supplier shall certify Liquid Penetrate Examination to NAVSEA4 document **NTR-1**.

**25. CERTIFICATIONS (B) - GENERAL CERTIFICATE OF COMPLIANCE**

CERTIFICATION
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We hereby certify that material and/or parts or processing furnished on this order have been manufactured or processed in accordance with all applicable instructions, drawings and Specifications. With the exception of material supplied by ITT, all physical and chemical data pertaining to this order is on file and available upon request.

Firm: \_\_\_\_\_ Part No.: \_\_\_\_\_  
Address: \_\_\_\_\_ Rev.: \_\_\_\_\_  
By: \_\_\_\_\_ P.O. No.: \_\_\_\_\_  
(Must bear full signature of responsible officers of the company, e.g., J. Doe)

Exception: For items purchased to ITT Part Nos. beginning with prefixes 970-, 980-, 990-, supplier certification does not require ITT Part Number and Rev.

Certification may be made on duplicate packing slips or on company letterhead accompanying the packing slip. Certification must be signed by duly authorized employee. Failure to supply proper certification will result in the material being rejected and payment withheld pending receipt of certification.

**26. CERTIFICATION (C) - SPECIAL CERTIFICATE OF COMPLIANCE**

The following Certificate of Compliance shall be executed by a responsible officer of your company and shall be submitted with each shipment of product against an ITT Purchase order.

**CERTIFICATION**

We hereby certify that material and/or parts or processing furnished on this order have been manufactured or processed in accordance with all applicable instructions, drawings and Specifications meeting the requirements of specification.

Firm: \_\_\_\_\_ Part no.: \_\_\_\_\_  
Address: \_\_\_\_\_ Rev.: \_\_\_\_\_  
By: \_\_\_\_\_ P.O. no.: \_\_\_\_\_  
(Must bear full signature of responsible officer of the company, e.g. J. Doe)

Certification may be made on duplicate packing slips or on company letterhead accompanying the packing slip. Certification must be signed by duly authorized employee. Failure to supply proper certification will result in the material being rejected and payment withheld pending receipt of certification.

- 27. Government inspection is required prior to shipment from your plant. Upon receipt of this order, promptly notify the Government Representative who normally services your plant so that appropriate planning for government inspection can be accomplished.
- 28. Obsolete 03/06/96.
- 29. Supplier to notify ITT of any proposed changes to design, materials, fabrication methods or processes. Or change in company name or location. ITT's approval shall be obtained prior to change incorporation.
- 30. Obsolete 09/01/99.
- 31. Obsolete 02/21/03
- 32. Obsolete 09/01/99.
- 33. **ITT SOURCE INSPECTION**  
Items to be delivered under this purchase order require inspection or tests or both by Buyer at Seller's plant sufficient advance notice must be given Buyer to provide the necessary means for such inspection or test at the Seller's plant Seller shall notify Buyer's purchasing department when the product is ready for source inspection. Written evidence of inspection or test or both and any other evidence of quality which indicates that specification requirements of this purchase order have been met must be made available for review by the Buyer's representative. Seller agrees to provide, at no charge, facilities and equipment necessary to perform on-site inspection by Buyer's representative. Source inspection at the Seller's plant does not relieve the Seller of compliance with all the requirements of this purchase order. The Buyer reserves the right of final acceptance at its facility
- 34. **TOOL PROOFING**  
Tooling required for production under this purchase order is subject to acceptance by ITT. The supplier shall notify ITT when tooling has completed inspection. ITT acceptance will be contingent upon review of supplier data regarding inspection of applicable characteristics of a quantity of dimensional samples produced by the tooling and tool inspection data. The tooling and dimensional samples produced by this tooling must conform to the tolerance limits of engineering drawings and specifications stated in this purchase order. This inspection may be under the surveillance of the cognizant ITT Product Assurance Representative at the supplier's facilities or the data and sample parts will be shipped to ITT for approval as directed by the Buyer. Dimensional samples shall be identified with the tool number.
- 35. Objective evidence (first article inspection report, plating sample testing report, etc.) to substantiate compliance to this procurement specification shall be shipped with the product for the following conditions:
  - (A) Said data have never been supplied to ITT for this part number/operation combination.
  - (B) There has been a change in hardware design, specification, or manufacturing process.  
The data shall include part number, purchase order number, part name, and applicable identification of the tool from which the parts were produced.  
**FIRST ARTICLE INSPECTION SHALL BE UPDATED TO INCLUDE PRODUCTION PROCESS CHANGES, (TO INCLUDE FACILITY RELOCATION) OR CONFIGURATION CHANGES.**
  - (C) FAIR (First Article Inspection Report) must be kept on file and available at request of ITT.
- 36. Vendor must conform to Boeing D6-82479 Addendum 1 Advanced Quality System Requirements or AS9102.
- 37. **CERTIFIED SUPPLIER:** Apply Quality Assurance stamp and the following delegation statement to the pack sheet, "This supplier has been delegated ITT inspection authority for all parts manufactured under contract with ITT".
- 38. Obsolete 05/20/09

## ATTACHMENT 1

	EPA 17 LIST		DoD TOP 10 LIST
1	BENZENE	1	ETHYLENE GLYCOL
2	CADMIUM & COMPOUNDS	2	HEXACHLOROBENZENE
3	CARBON TETRACHLORIDE	3	HYDROCHLORIC ACID
4	CHROMIUM & COMPOUNDS	4	METHYLENE CHLORIDE
5	CHLOROFORM	5	METHYL ETHYL KETONE (MEK)
6	CYANIDE COMPOUNDS & HYDROGEN CYANIDE	6	PHENOL
7	NICKEL AND COMPOUNDS	7	TETRACHLOROETHYLENE
8	LEAD & COMPOUNDS	8	1,1,1- TRICHLOROETHANE
9	MERCURY & COMPOUNDS	9	TOLUENE
10	METHYLENE CHLORIDE	10	ZINC COMPOUNDS
11	METHYL ETHYL KETONE (MEK)		<b>RoHS List</b>
12	METHYL ISOBUTYL KETONE	1	HEXAVALENT CHROMIUM (CrVI)
13	TETRACHLOROETHYLENE	2	MERCURY (Hg)
14	TOLUENE	3	LEAD (Pb)
15	1,1,1-TRICHLOROETHANE	4	CADMIUM (Cd)
16	TRICHLOROETHYLENE	5	POLYBROMATED BIPHENYLS (PBB)
17	XYLENES (ALL)	6	POLYBROMATED DIPHENYL ETHERS (PBDE)

<b>REVISION RECORD</b>		
<b>Rev.</b>	<b>Date</b>	<b>Description of Change</b>
S	11/19/04	<ul style="list-style-type: none"> <li>• ADDED ENVIRONMENTAL REQUIREMENTS TO #14</li> <li>• COMBINED # 18 INTO # 16</li> <li>• ADDED REVISION RECORD</li> </ul>
T	07/20/06	<ul style="list-style-type: none"> <li>• CHANGED 18 FROM OBSOLETE TO DFARS FOR DOMESTIC SPECIALTY METALS</li> <li>• ADDED RoHS LIST OF HAZARDOUS MATERIALS</li> </ul>
U	06/02/08	<ul style="list-style-type: none"> <li>• ADDED CLAUSE 38 AUDIT RIGHT RESERVED / RIGHT OF ENTRY</li> </ul>
V	11/03/08	<ul style="list-style-type: none"> <li>• Added 'Exception' to Clause 25</li> </ul>
W	05/20/09	<ul style="list-style-type: none"> <li>• Obsolete Clause 5 &amp; 38</li> </ul>
X	08/11/09	<ul style="list-style-type: none"> <li>• Added language (explanation) to Clause 5</li> </ul>
Y	09/29/09	<ul style="list-style-type: none"> <li>• Changed language in Clause 16</li> </ul>
Z	01/14/10	<ul style="list-style-type: none"> <li>• Changed language in Clause 6</li> </ul>
AA	04/09/10	<ul style="list-style-type: none"> <li>• Changed clause 35 to add (C)</li> </ul>
AB	07/14/10	<ul style="list-style-type: none"> <li>• Changed clause 18 to reflect current DFARS clause</li> </ul>
AC	03/07/11	<ul style="list-style-type: none"> <li>• Updated clause 11 to state 50%</li> </ul>
AD	10/31/11	<ul style="list-style-type: none"> <li>• Updated company name to ITT Cannon, LLC</li> </ul>