

QUALITY REQUIREMENTS

SUPPLIERS SHALL COMPLY WITH REQUIREMENTS SHOWN BELOW WHEN SPECIFICALLY INCLUDED AS CLAUSES OR ATTACHMENTS TO WINTEC FILTER PRODUCTS PURCHASE ORDERS.

A. Certifications

Minimum Requirements for Certifications. All certifications provided to WINTEC FILTER PRODUCTS shall include as a minimum: Supplier's name and location; Date certificate issued; WINTEC FILTER PRODUCTS purchase order number; Identification (i.e., heat no., serial no., lot no., part no., etc.); Quantity of items furnished; Specification and/or drawing number, including revision; Signature and date of authorized representative. Note: Statements of belief are unacceptable and shall be cause for rejection.

1. Supplier certification of conformance required to warrant and to represent that all parts/materials delivered in accordance with this P.O. are of new manufacture and meet or exceed all specifications and requirements specified in this P.O. or referenced documents.
2. Material Certification and Test Reports. Each shipment shall be accompanied by chemical and/or physical reports with "typical" results of tests conducted on materials shipped to WINTEC FILTER PRODUCTS. The supplier shall provide WINTEC FILTER PRODUCTS with two copies of such reports signed by an authorized representative of the supplier, and identifiable with material shipped.
3. Material Certification and Test Reports. Each shipment shall be accompanied by chemical and/or physical reports with "actual" results of tests conducted on materials shipped to WINTEC FILTER PRODUCTS. The supplier shall provide WINTEC FILTER PRODUCTS with two copies of such reports signed by an authorized representative of the supplier, and identifiable with material shipped.

B. Reports

Minimum Requirements for Reports. All reports provided to WINTEC FILTER PRODUCTS shall include as a minimum: Supplier's name and location; date report issued; WINTEC FILTER PRODUCTS purchase order number; Identification (i.e., heat no., serial no., lot no., part no., etc.); Quantity of items tested; Specification and/or drawing number, including revision; Signature and date of authorized representative. Note: Statements of belief are unacceptable and shall be cause for rejection.

1. Test reports shall contain the actual variable data results of the tests performed, a list of test equipment used to perform the tests, a list of special design fixtures, test equipment schematic and/or pictures of the test set-up.
2. Inspection reports shall contain the actual variable data.

C. Right of Access

WINTECFILTER PRODUCTS, our Customer and their Customer and regulatory authorities have the right of access to all facilities involved in the order and to all applicable records.

D. Source Inspection

1. Government Source Inspection. All work on this order is subject to inspection and test by the Government at any time and place. The Government quality representative who has been delegated NASA Quality Assurance functions on this procurement shall be notified immediately upon receipt of this order. The Government representative shall also be notified forty-eight (48) hours in advance of the time articles or materials are ready for inspection or test.

All items under this order are subject to inspection and test verifications at the supplier's plant by the Government personnel prior to shipment. Supplier shall provide: (1) Free right of entry to all manufacturing and testing areas where work is being performed on this Purchase Order. (2) Sufficient advance notice to cognizant Buyer to permit scheduling of Source Inspection. Evidence of Government Source Inspection shall accompany shipment of material.

2. Customer Source Inspection. All items under this order are subject to inspection and test verifications at the supplier's plant by WINTEC FILTER PRODUCTS' Customer Quality personnel prior to shipment. Supplier shall provide: (1) Free right of entry to all manufacturing and testing areas where work is being performed on this Purchase Order. (2) Sufficient advance notice to cognizant Buyer to permit scheduling of Source Inspection. Evidence of WINTEC FILTER PRODUCTS Source Inspection shall accompany shipment of material.
3. WINTEC FILTER PRODUCTS Source Inspection. All items under this order are subject to inspection and test verifications at the supplier's plant by WINTEC FILTER PRODUCTS Quality personnel prior to shipment. Supplier shall provide: (1) Free right of entry to all manufacturing and testing areas where work is being performed on this Purchase Order. (2) Sufficient advance notice to cognizant Buyer to permit scheduling of Source Inspection. Evidence of WINTEC FILTER PRODUCTS Source Inspection shall accompany shipment of material.

E. Certification of Accuracy and Test Calibration Sheet

The supplier shall provide two (2) copies of the Certification of Accuracy and Test Calibration Data sheet with each shipment, signed by an authorized representative, and containing adequate references showing traceability to the NIST (National Institute of Standards and Technology). Suppliers calibration system must meet ANSI Z540.1 or ISO 10012.

F. Limited Shelf Life Material

Seller must identify each item, package, or container of material having limited shelf life with cure date or date of manufacture. Material shall not be supplied having less than 90 percent of shelf life still available to the buyer, except with the approval of buyer. Must meet requirement of MIL-STD-1523 "Age Controls of Age-Sensitive Elastomeric Material."

G. Configuration Control

1. Provision No. 1. No change shall be made to materials, parts, design, or manufacturing processes (including prescribed tests) of the articles purchased herein after approval of the design and configuration by WINTEC FILTER PRODUCTS without prior written approval from WINTEC FILTER PRODUCTS Buyer. Any proposed change must be requested in writing detailing the proposed change, deviation or waiver, the reasons therefore, and evidence (including analytical and test data as appropriate) that the proposed change, deviation or waiver will not degrade performance.
2. Provision No. 2. Buyer shall be promptly notified of any changes to materials, parts, design or manufacturing processes (including prescribed tests) of the articles purchased herein after approval of the design configuration by WINTEC FILTER PRODUCTS.

Notification of any change must be transmitted in writing a minimum of ten (10) working days prior to shipment of any items that will contain changes.

DEFINITIONS APPLICABLE TO CONFIGURATION CONTROL PROVISIONS:

Materials – Also referred to as "Raw Material", i.e., bar stock, sheet materials, lubricants, wire, etc.

Design – This category is a detailed description of configuration of the end item. This category is normally controlled by drawings or specification.

Manufacturing Processes – These processes are those necessary to form, fabricate, assemble, or test items delivered (e.g., welding, chemical processing, machine work, etc.).

H. Non-Conforming Supplies

Supplier shall prepare and submit a Non-Conformance Report (NCR) for all materials, parts or assemblies which do not conform to the requirements specified in the drawings, specifications, Purchase Order, or other applicable product description. Material may not be shipped until WINTEC FILTER PRODUCTS written approval is received and a copy is also included in the shipment of parts.

NOTE: Approved requests will be subject to normal material review procedures upon receipt of affected material at WINTEC FILTER PRODUCTS.

I. Special Process Control

Special process suppliers (welding, bronzing, heat treating, NDT, plating, chemical filming, etc.) are responsible for compliance to the applicable specifications, whether the operation is performed within their facility or by subcontractors. Suppliers' Special Process Certification must identify vendor performing special process, show actual data, and the applicable specification title and number and be signed by a responsible Quality control person representing the vendor or his subcontractor.

J. First Article Inspection

A first article sample is a requirement of this Purchase Order. First Article Inspection Report must be dated, and bear the signature and/or stamp of the individual preparing or validating the report. Also, as specified in this Purchase Order, the supplier is required to:

1. Provide a first article sample and supplier's recorded results for which inspection shall be conducted at supplier's plant by a WINTEC FILTER PRODUCTS Product Assurance Representative.
2. Submit a first article sample and supplier's recorded results to WINTEC FILTER PRODUCTS, Attention: Receiving Inspection.

K. Quality Plan

The supplier shall prepare, submit and maintain a written Quality Plan. As a minimum, this plan will show product flow with inspection stations and a definition of the inspection to be performed at each station. This document shall be submitted to WINTEC FILTER PRODUCTS for approval 30 days after receipt of this Purchase Order or as stipulated therein. If available, the supplier shall submit a copy of his Quality Manual.

L. Material Review Board

MRB authority of supplier is limited to "Rework-to-Spec" and Scrap. Records of such action are subject to review by WINTEC FILTER PRODUCTS. All other MRB disposition must be processed in accordance with Quality Requirements Clause H.

M. Suppliers Calibration systems must meet the requirements of ANSIZ540 or ISO 10012.

N. Suppliers Quality system must meet the requirements of MIL-Q-9858A, ISO9001 or AS9100.

O. Suppliers Inspection system must meet the requirements of MIL-I-45208 or ISO9002.

P. Suppliers Inspection system must meet the requirements of NHB5300.4(1C).

Q. Suppliers are required to flow down to their sub-tier suppliers applicable requirements and key characteristics as specified on the purchase order.

R. Record Retention/Records of Objective Evidence

Supplier shall retain verifiable objective evidence of inspection and tests performed for the period specified below. The supplier shall notify WINTEC FILTER PRODUCTS for disposition authorization prior to disposing of records.

1. Three (3) years.
2. Seven (7) years.
3. Twenty (20) years.

S. Supplier Quality System in Compliance with Industry Standards

Seller must provide an adequate quality system to ensure product conformance and such appropriate objective evidence to meet usual business responsibilities.

T. Identification of Age Controlled Items

Seller must identify each item, package, or container of material having limited shelf life with cure date or date of manufacture, expiration date, storage temperature, humidity and special handling conditions. This is to be in addition to normal identification requirements.

Material shall not be supplied having less than 90 percent of shelf life still available to the buyer, except with the approval of buyer. Must meet requirements of MIL-STD-1523, "Age Controls of Age-Sensitive Elastomeric Material."

U. Mercury Exclusion Clause – Contact with Mercury

Those supplies furnished under this contract shall be free from mercury contamination during manufacturing process, tests or inspections. Such supplies offered shall not have come in direct contact with mercury or any of its compounds, nor with any mercury-containing devices employing only a single boundary of containment. (Single boundary of containment is one which is not backed by a second seal or barrier to prevent contamination in event of rupture of the primary seal or barrier.)

V. Manned Space Flight Requirements for Use in Manned Space Flight

Materials, manufacturing, and workmanship of highest quality standards are essential to astronaut safety. If you are able to supply the desired items with a quality that is higher than that of the items specified or proposed, you are requested to bring this fact to the immediate attention of the purchaser. This clause will be inserted in all subcontracts and Purchase Orders for such items down to the lowest tier.