

## QUALITY CLAUSES

SFEQC-01:

**CERTIFICATE OF CONFORMANCE:**

A Certificate of Conformance attesting compliance to all related specifications and/or general requirements must accompany services and/or goods procured under this purchase order. Certifications must show the part number, quantity, specification, revision number, and have a signed, dated, and title of responsible person signing the certification. Records supporting this certification shall be on file and shall be provided to Buyer upon request at no cost to Santa Fe Enterprises.

SFEQC-02:

**INSPECTION AND TEST RECORDS:**

- 1) Dimensional characteristics produced in part or in whole of this Purchase Order shall be recorded on inspection forms and shall accompany the products at time of shipment. Unless otherwise specified, all dimensions will be recorded 100% actual for each character and each individual part. No sampling allowed. All dimensions shall bear the stamp of a quality assurance representative.
- 2) Test records of any process that are performed under the Purchase Order are to be documented and shall accompany all products at time of shipment and shall bear the stamp of qualified personnel performing test.

SFEQC-03:

**MATERIAL CERTIFICATION, CHEMICAL AND/OR PHYSICAL TEST DATA, LOT TRACEABILITY:**

- 1) The Supplier shall furnish material certifications traceable to the lot, batch, and heat lot supplied in accordance with the applicable specification.
- 2) The Supplier shall furnish a complete set of material certifications listing all chemical and/or physical test reports & results traceable to the lot, batch, heat lot number in accordance with the applicable specification. It shall be signed by the Materials Supplier's Authorized Quality Representative, and indicate the Representative's title.

SFEQC-04:

**PROCESS CERTIFICATION:**

The Supplier shall furnish Certifications of Conformance for all special processes in accordance with applicable specifications and/or drawing requirements required by Santa Fe Enterprises Purchase Order.

SFEQC-05:

**QUALITY SYSTEM:**

The Supplier must be able to maintain a Quality System that meets or exceeds industry standards and ensures adequate product conformance. It is preferable that Suppliers are able to maintain a Quality System that meets or exceeds ISO 9001:2008 or AS9100 (current revision).

SFEQC-06:

**MANDATORY SOURCE INSPECTION:**

- 1) Santa Fe Enterprises Source Inspection shall be performed at Supplier's facility prior to shipment as required by the Santa Fe Purchase Order. When applicable any in-process operations to occur before shipment shall be source inspected prior to final buy-off. Anticipation of pending source shall be given to Santa Fe Enterprises representative a minimum of 48 hrs prior to in-process or final inspection of purchase item(s).
- 2) All items shipped under the purchase order shall bear the stamp or signature of source representative authorizing shipment.

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- 3) All pertinent customers of Santa Fe Enterprises reserve the right to be present during any source inspection performed per this clause.

SFEQC-07:

**U.S GOVERNMENT SOURCE INSPECTION (US GSI):**

Government Source Inspection is required and shall be performed at Supplier's facility prior to shipment. As directed by Santa Fe Enterprises / "GSI" any in-process inspection is also mandated by this clause. A minimum of 48-hours notice to Santa Fe Enterprises, prior to inspection, is required when this clause is invoked. Supplier shall provide evidence of Government Source Inspection with each shipment.

SFEQC-08:

**OPTIONAL SOURCE INSPECTION:**

- 1) Santa Fe Enterprises reserves the right to inspect, at supplier's facility, any product under the purchase order. Santa Fe Enterprises shall contact Supplier to confirm or waive source requirements. In the event that contact has not been made between Santa Fe Enterprises and Supplier before time of completion, or interim inspection, the Supplier is authorized to ship product to Santa Fe Enterprises, provided the requirements of clauses SFEQC-01 and SFEQC-02 are fulfilled and accompany shipment.
- 2) All pertinent customers of Santa Fe Enterprises (including Government representatives) reserve the right to be present during any source inspection performed per this clause.

SFEQC-09:

**RETENTION OF RECORDS:**

Supplier shall retain all viable quality and/or test records in accordance with this order and make readily available to Santa Fe Enterprises, or its customer, upon request for a period of no less than ten (10) years after date of delivery, unless otherwise stated. These requirements must flow down through the supply chain, and include Seller's Subcontractor's Plants where work under this P.O. is being performed.

SFEQC-10:

**NON-CONFORMING PRODUCT / DOCUMENTATION:**

Any deviation to Santa Fe Enterprises requirements set forth on this Purchase Order shall be documented and submitted for approval to Santa Fe Enterprises for disposition prior to product shipment from Supplier's facility. Santa Fe Enterprises must also be notified of any changes in product and/or process, changes of suppliers, change of manufacturing facility location and, where required obtain Santa Fe Enterprises approval .

SFEQC-11:

**PACKAGE / HANDLING / PRESERVATION / SHIPMENT:**

All items delivered on this order must be adequately preserved, packaged, handled and contained to prevent deterioration and damage during shipment. The shipping method should ensure safe arrival at destination in accordance with good commercial practices, unless special packaging and shipping instructions are specified in Purchase Order and/or drawing/specification.

SFEQC-12:

**RIGHT OF ENTRY:**

Buyer and authorized representatives of Buyer's Customers and / or Regulatory Authorities shall have direct access to all areas of Seller's and Seller's Subcontractor's Plants where work under this P.O. is being performed, to review progress and witness testing of the items related to this P.O. Seller shall include this clause in all of Seller's subcontracted Purchase Orders. Seller shall



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provide and obtain for Buyer, Buyer's Customers, and appropriate Regulatory Agencies access to any and all facilities, including those facilities of Sellers Subcontractors, where work on items is being performed or is scheduled to be performed under this P.O. Buyer shall have right to perform in-process inspection, audits, and system surveillance at Seller and Seller

Subcontractor's Facilities as part of verification of performance to the requirements of this Purchase Order. All information, including digital information, records, logs, inspection tests and any other data are subject to review by Santa Fe Enterprises and their customers.

SFEQC-13:

**CALIBRATION:**

Supplier's calibration system shall meet the requirements of MIL-STD-45662, ISO 10012 or ANSI/NCSL Z540-1 as applicable. All calibration standards will be traceable to NIST.

SFEQC-14:

**SUPPLIER PROCESS APPROVAL:**

All processes used in conjunction with the purchase order are subject to approval through Santa Fe Enterprises and/or their customers.

SFEQC-15:

**SUPPLIER SUB-TIER APPROVAL:**

All material, supplies and services not supplied to vendor by Santa Fe Enterprises must be obtained from Santa Fe Enterprises approved source prior to start of effort. Substitutions may be made only with written approval provided from Santa Fe Enterprises.

SFEQC-16:

**SUPPLIER QUALITY SURVEY / AUDIT:**

Santa Fe Enterprises reserves the right to conduct a Survey/Audit of the Supplier's facility and the Supplier's sub-tier Suppliers to determine their capability to comply with the requirements of the Santa Fe Enterprises Purchase Order. The Supplier will be notified 72 hours in advance of the date that the Survey/Audit will occur.

SFEQC-17:

**IDENTIFICATION / MARKING:**

The Supplier shall identify all items, parts, components, subassemblies and/or assemblies with the appropriate part number and revision level as noted on the part drawing or as otherwise specified by the Santa Fe Enterprises Purchase Order. Parts and/or materials that are not suitable for marking due to size and/or configuration may be identified using the bag and tag methods.

SFEQC-18:

**DELIVERY SCHEDULES / DELAY IN DELIVERY:**

Supplier shall meet all scheduled delivery dates as specified on Santa Fe Enterprises Purchase Order. If Supplier becomes aware of any circumstances that are likely to give rise to a delay in promised delivery date, the Supplier shall immediately notify Buyer via phone or email stating the reason for the delay and the new time for delivery.

SFEQC-19:

**SPECIALTY METALS:**

DFARS 252.225-7014, Preference for Domestic Specialty Metals, Alt. I Basic Requirements: Specialty metals must be melted in the United States or a qualifying country, or they can be melted anywhere but must be "incorporated in an article manufactured in a qualifying country." The clause allows a qualifying country to manufacture parts from metal that was melted



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anywhere, provided it meets specifications, but a United States company can only use metal that was melted in the United States or a qualifying country.

(Warning! - Procurement of raw material from a casting or rolling mill in the United States or qualifying country does not necessarily mean the raw material was melted in the United States or a qualifying country. All applicable certifications must be scrutinized to determine the country where the metal was melted.)

As of April 2005, the qualifying countries are: Australia, Belgium, Canada, Denmark, Egypt, Federal Republic of Germany, France, Greece, Israel, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, Turkey, United Kingdom of Great Britain, and Northern Ireland.

(Warning! - Note that Japan and some other "friendly" countries are not on the list.)

"Specialty Metals" means: (i) Steel-

- (A) With a maximum alloy content exceeding one or more of the following limits:  
manganese, 1.65 percent; silicon, 0.60 Percent; or copper, 0.60 percent; or
- (B) Containing more than 0.25 percent of any of the following elements: Aluminum, chromium, cobalt, columbium, molybdenum, nickel, titanium, tungsten, or vanadium;

(ii) Metal alloys consisting of nickel, iron-nickel, and cobalt base alloys containing a total of other alloying metals (except iron)  
in excess of 10 percent;

(iii) Titanium and titanium alloys; or

(iv) Zirconium and zirconium base alloys.

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The following SFE Quality Clauses apply to Purchase Orders for all **Metals**:

- SFEQC-01 Certificate of Conformance
- SFEQC-03 Material Certification, Chemical and/or Physical Test Data, Lot Traceability
- SFEQC-05 Quality System
- SFEQC-09 Retention of Records
- SFEQC-10 Non-Conforming Product/Documentation
- SFEQC-12 Right of Entry
- SFEQC-18 Delivery Schedules/Delay in Delivery
- SFEQC-19 Specialty Metals

The following SFE Quality Clauses apply to Purchase Orders for **Outside Processing**:

- SFEQC-01 Certificate of Conformance
- SFEQC-04 Process Certification
- SFEQC-05 Quality System
- SFEQC-09 Retention of Records
- SFEQC-10 Non-Conforming Product/Documentation
- SFEQC-11 Package/Handling/Preservation/Shipment
- SFEQC-12 Right of Entry
- SFEQC-18 Delivery Schedules/Delay in Delivery

The following SFE Quality Clauses apply to Purchase Orders for **General Purchasing**:

- SFEQC-01 Certificate of Conformance
- SFEQC-09 Retention of Records
- SFEQC-10 Non-Conforming Product/Documentation
- SFEQC-11 Package/Handling/Preservation/Shipment
- SFEQC-12 Right of Entry
- SFEQC-18 Delivery Schedules/Delay in Delivery

The following SFE Quality Clauses apply to Purchase Orders for **Calibration**:

- SFEQC-01 Certificate of Conformance
- SFEQC-05 Quality System
- SFEQC-09 Retention of Records
- SFEQC-10 Non-Conforming Product/Documentation
- SFEQC-11 Package/Handling/Preservation/Shipment
- SFEQC-12 Right of Entry
- SFEQC-13 Calibration
- SFEQC-18 Delivery Schedules/Delay in Delivery