



**Fisica Applied Technologies, Inc.**  
**Business Unit: Applied Technologies, Inc (ATI).**  
**SUPPLIER QUALITY REQUIREMENTS**

Supplemental Supplier Quality Requirements will be provided in the event workmanship standards or required documentation for acceptance are not detailed within the drawing or specification the governs the part required. The Standard Supplier Quality Requirements FORM 06-01-01.3 also applies. In the event of conflict, these supplemental supplier quality requirements supersede the standard requirements. Any conflict between these requirements and any other Purchase order requirements shall be resolved by Quality.

**SQDR-1 CERTIFICATION OF CONFORMANCE**

Supplier shall submit a **Certificate of Conformance**, signed by a responsible representative of the Supplier, certifying that the items delivered comply with all requirements detailed on the purchase order including, but not limited to design (drawings), specifications and industry requirements.

**SQDR-2 MATERIAL CERTIFICATION**

Supplier shall obtain raw material test reports or certifications from the suppliers of raw materials incorporated in the product and retain them as Quality Records. **Copies of these certifications/reports** shall be enclosed with the product when shipped unless otherwise expressed on the purchase order. These certifications/reports shall conform to industry standard practices applicable to each material, and must be annotated with ATI's PO number and product part number and revision for traceability.

**SQDR-3 INSPECTION REPORT**

Supplier must inspect product, prepare a **comprehensive inspection report** and enclose it with each shipment of product. Inspection is to be 100% (all characteristics of each product) unless otherwise specified by the purchase order.

The report shall contain at a minimum for each part requested on the purchase order:

- Part number and revision,
- ATI purchase order number,
- Lot number(s) if more than one lot is shipped,
- Lot quantity,
- Sample size(es)-100% unless otherwise stated on PO,
- Characteristics/parameters inspected and their location on the drawing if applicable,
- Inspection/test data with actual values where possible,
- Indication of nonconformance or reject,
- Date of inspection/test, and
- Supplier authorization logo , signature or stamp

The Supplier may use standard Supplier's report format, CNC/CMM reports or other industry format or alternatively, the *Supplier Inspection Data Sheet/Record* FORM 06-01-01.2. The attribute gage or methodology used must be calibrated and identified. Coordinate Measuring Machine (CMM) reports, must clearly indicate the characteristics measured and actual measurements.

**SQDR-3A INSPECTION REPORT**

Inspection is to be performed on sample size based upon ANSI Z-1, AQL of 1.0, Level II unless otherwise specified by the purchase order. Parts used for evaluation should be identified in the shipment.

**SQDR-4 TRACEABILITY - SUB-TIER SUPPLIERS**

Supplier shall submit all **documents**, signed by the responsible representative of all Suppliers and/ or Subcontractors, **which shall identify the origin of manufacture and/or procurement of each item** delivered or used in the production of the delivered product, and provide all applicable traceability information such as date code/ lot number, and manufacturer's part number(s) if the number(s) differs from the part number(s) identified on the purchase order. Job numbers must also be present to indicate a clear path of traceability from material origin to ATI supplier.

**SQDR-5 SOURCE INSPECTION**

Supplier shall notify the Buyer as far in advance as possible when material will be ready for inspection at the Supplier or Subcontractor's facility when source inspection is required. Suppliers/ Subcontractors shall not ship the items without Quality acceptance and Buyer's authorization. Supplier shall present, all required documentation of items for acceptance as specified on this PO at the time of source inspection.. Supplier shall provide the Buyer's representative with reasonable facilities and equipment and free access to all areas and records essential to the proper conduct of source inspection of the procured items. **Upon approval, copies of ATI's source acceptance documents** shall be included with each shipment.

**SQDR-6 AGE CONTROL**

Supplier shall have an effective system of age control of items whose acceptability is limited by age of the item. **Supplier shall show on each container** of materials having a limited or specified shelf life (both Supplier's in-plant containers and containers in which material is delivered to Buyer) **the cure, manufacture or start of life control date, expiration date, lot or batch number and special storage and handling conditions** applicable to contents. Time lapse between the shelf life start date and date of scheduled receipt by Buyer under the Purchase Order shall not exceed 20% of the total shelf life for the material without prior written approval of Purchasing.

**SQDR-6A AGE CONTROL**

Order shall not exceed specified amount of the total shelf life for the material without prior written approval of Purchasing.

**SUPPLIER QUALITY REQUIREMENTS** **SQDR-7 SPECIAL PROCESSING CERTIFICATION**

Certification by a responsible representative of the organization performing special processing shall be included with each shipment. **The certificate shall certify that processing of items delivered was in compliance with all requirements of the purchase order including all imposed drawings, industry standards, and specifications.** Special processes include coating, passivation, abrasive blasting, oxide coating, painting, nitriding, case hardening, casting, forging, welding, brazing and soldering as well as others as may be specified.

 **SQDR-8 CERTIFIED CALIBRATION REPORT**

A **certified calibration report** is required which identifies the condition of the device prior to calibration, if applicable, as well as identifying traceable nationally or internationally recognized standards used, actual values measured, person performing calibration activity and date next calibration is due. Any supplier performing calibration activities shall maintain a calibration system in accordance with ANSI/NSCL Z-540.1 or ANSI/ISO/IEC 17025.

 **SQDR-9 TEST SAMPLES**

The Supplier shall furnish **test samples** in accordance with all specification/purchase order requirements. The samples shall be identified as "Test Samples" with applicable part number of the parts which they represent. The test samples shall be processed simultaneously with each batch or lot of parts. Supplier's shipping document shall indicate part number, process, processor, batch/lot number and date of processing.

 **SQDR-10 TEST REPORTS**

The Supplier will submit all results of test activities utilized to indicate acceptance of required performance or requirements. The reports should indicate the parameter/ specification evaluated the expected outcome, the actual finding, and whether or not the actual finding met specification or not. If applicable, the test report should indicate the serial number or identify the unit(s) tested to produce the recorded result(s)

 **SQDR-11 TEST PROCEDURE**

The Supplier will submit a test procedure that describes all test activities utilized to indicate acceptance of required performance or requirements. The procedure should indicate the methodology to be used, the amount of test coverage the test will provide, the parameter/ specification evaluated, the expected outcome, the equipment used to measure the required performance or requirement, and the actions taken if any parameter is not met. .

 **SQR-A APPROVAL OF INSPECTION METHODS**

Supplier shall obtain prior approval of the inspection methodology to be used for each parameter to be inspected or tested. The Supplier shall define characteristic to be measured, the equipment to be used to make evaluation or measurement (manufacturer and model number) and calibration interval as well as the next

calibration due date. The methodology cannot be used on product intended for shipment unless approved by ATI Quality.

 **SQR-B SOURCE SURVEILLANCE**

These items are subject to inspection and acceptance at the source of manufacture. Supplier shall provide the Buyer's representative with reasonable facilities and equipment and free access to all areas and records essential to insure all specifications and requirements have been met in order to authorize shipment to ATI or its agent.

 **SQR-C PROCURED PRODUCT DIRECT SHIPPED**

Supplier shall verify conformance to SQDR-2 (Material Certification) requirements of all material certifications for ATI procured product (items or raw material) direct shipped from a sub-tier source to Supplier's facility. Any special requirements ATI may have of supplier or supplier's subcontractor will be communicated on the PO.

 **SQR-D FLOW DOWN OF REQUIREMENTS**

Suppliers and supplier's subcontractors are held to the same Quality requirements that ATI is being held to meet by its customer.

 **SQR-E ELECTRONIC DATA SUBMITTAL**

Electronic submittal of quality documentation is required for ATI approval prior to shipment. Email to Buyer on record.

 **SQR-F FIRST ARTICLE APPROVAL**

First Article acceptance by ATI is required prior to ATI taking receipt of any production level quantities of items on called out in the Purchase Order. The First Article is to be produced and verified in accordance with detailed instructions provided as a separate purchase order attachment. The Supplier will either ship the First Article to ATI for evaluation or notify the Buyer when the First Article is ready for inspection/acceptance at the supplier's facility.

 **SQR-G ADDITIONAL QUALITY REQUIREMENTS**

This requirement exists to communicate requirements that may be needed which are not prescribed by the proceeding Quality requirements. Requirements may be imposed on the purchase order in the form of separate attachments which are in addition to any Supplier Quality Requirements specified by number on the Purchase Order. The imposition of this SQR is to alert the Supplier of such attachment(s).

 **SQR-P PACKAGING APPROVAL REQUIRED**

Prior to shipment Supplier must provide planning methods of packaging and submit pictures to ATI Buyer for approval.