

# LORID® Mechanical Products

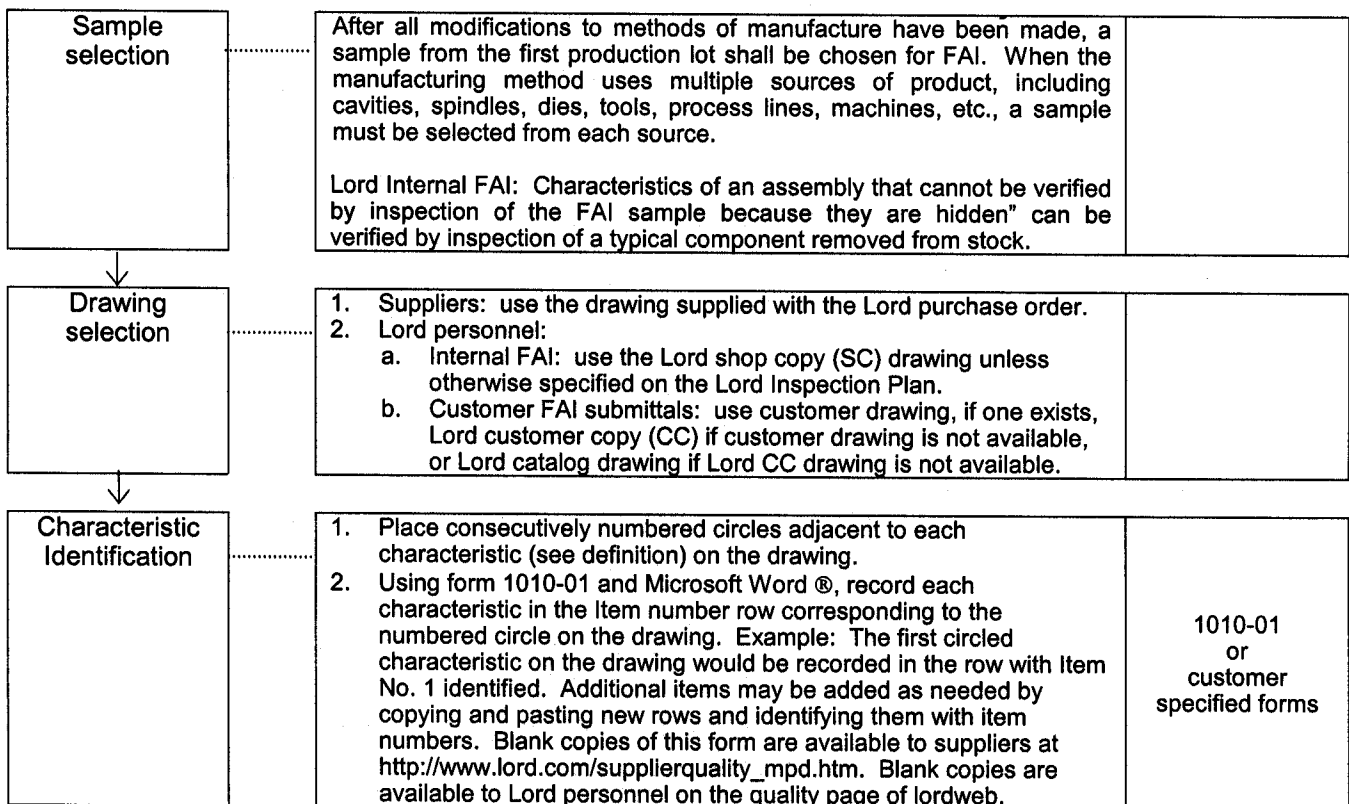
**Title:** First Article Inspection

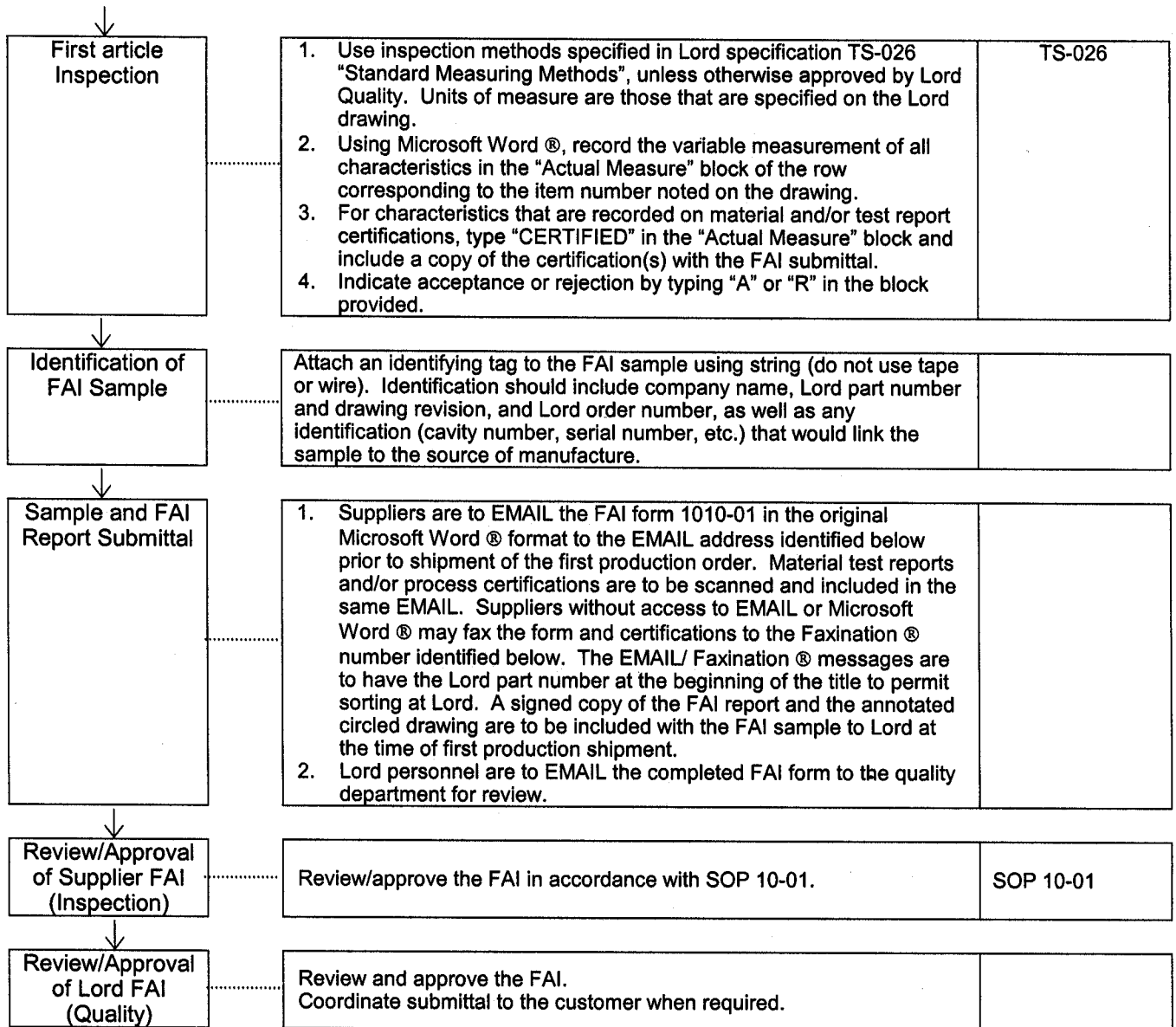
**Purpose:** Provide instructions to supplier and Lord personnel for the documentation and submittal of First Article Inspection reports when required by purchase order or procedure requirements.

**Policy:** The following procedure applies to all First Article Inspections unless alternate requirements (i.e. SAE AS9102 or customer specified procedures) are specifically invoked by Lord or customer purchase order.

**Definitions:**

1. **Characteristic:** A dimensional, visual, functional, mechanical, or material feature or property, which describes and constitutes the design of an article and can be measured, inspected, tested or verified to determine conformance to design requirements. This includes drawing and/or specification requirements determined from drawing notes.
2. **First Article Inspection (FAI):** A complete verification that the article being inspected complies with the requirements identified in engineering drawings, specifications, purchase order as well as any other applicable design requirement.
3. **Significant Change (s) requiring a new First Article Inspection:** Whenever any of the following events occur, a new supplier First Article Inspection is required:
  - a. **Supplier FAI:**
    - i. A characteristic is changed by a revision of the Lord drawing. Note, only those characteristics affected by the revision need to be verified.
    - ii. Additional or replacement tooling is constructed.
    - iii. Tooling or method of manufacture is significantly altered to the point where the effect on form, fit or function must be verified.
    - iv. A change in the plant of manufacture.
    - v. A change in the source of manufacture (applies to distributors/brokerage houses).
  - b. **Lord Internal FAI:** As defined in standard operating procedures and when required by customer.





Lord EMAIL Addresses and Faxination Numbers:

Product Ship to Location	EMAIL Address	Faxination Number
Lord MPD Bowling Green Facility: Bowling Green, Kentucky	LBGRI@LORD.COM	814-860-3611
Lord MPD Cambridge Springs Facility: Cambridge Springs, PA	LCSRI@LORD.COM	814-860-3656
Lord MPD Dayton Facility: Dayton, Ohio	LDYRI@LORD.COM	814-860-3660
Lord MPD Erie Facility: Erie, Pennsylvania	LERRI@LORD.COM	814-860-3665

Revision B: Training is not required. Corrected fax number for Cambridge Springs facility. Clarified responsibility and requirements for review/approval of FAI.

Revised by: Cynthia R. Fowle  
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Quality Staff Engineer

Approved By: Ed Koval  
Ed Koval  
Director, Quality