

SQR-1 Definitions

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Acceptance Authority Media (AAM) – The means defined by the organization to document the status of outputs with respect to but not limited to conformity, configuration, monitoring and measurement requirements, and identification throughout the product life cycle. Media includes inspection stamps, electronic signatures, passwords, wet signatures, and any other means identified by the QMS.

Concession – Written authorization from Moog to the supplier to use or release a product that does not conform to the specified requirements. Waiver/concession and product quality escape differ with respect to the point in time when a non-conformance is detected. The need for a waiver/concession is evident before delivery to the customer, while a product quality escape is identified after delivery to the customer.

Conventional Machining – Conventional machining operations that involve direct contact between tool and work piece (e.g., turning, milling, grinding etc.), whereas unconventional machining does not (e.g. EDM, ECM)

COTS (Commercial Off-The-Shelf) – Standardized products that are readily available in the commercial marketplace, available for sale to the general public, and not physically tailored or custom manufactured for individual customers.

Counterfeit Part – An unauthorized copy, imitation, substitute, or modified part, which is knowingly misrepresented as a specified genuine part of an original or authorized manufacturer.

Critical Items – Those items having significant effect on the provision and use of the products and services; including safety, performance, form, fit, function, producibility, service life, etc.; that require specific actions to ensure they are adequately managed.

Deviation – A non-conformance or non-compliance with Moog requirements as defined on drawings, specifications, SQR-1, supplementary quality clauses, and any other purchase order flow-downs.

Direct Products – Raw materials, components, and services essential for manufacturing finished goods.

Escape (or Escapement) – Nonconformities (deviations from requirements) that were produced, not detected nor remedied, and subsequently sent to the customer.

Frozen Process – An approved and controlled process, commonly associated with critical items, key characteristics, and special requirements, where no changes can be made to the method of manufacture and inspection or control of the process without prior formal approval by Moog.

Indirect Products – Goods and services purchased to support day-to-day business operations that are not tied to a Moog part number (PN) and are not directly used in the production of finished goods.

Key Characteristics – An attribute or feature whose variation has a significant effect on product fit, form, function, performance, service life, or producibility, that requires specific actions for the purposes of controlling variation.

Manufacturing Lot – A specific quantity of product produced in a continuous, uniform run, sharing the same manufacturing conditions, raw materials, and time period, unless otherwise specified in the Moog drawing.

Notice of Escape (NOE) – A notification submitted when a supplier discovers or suspects that nonconforming product has already been shipped to Moog. Suppliers must notify Moog within 24 hours and provide all required traceability and impact information.

Product Safety – The state in which a product can perform to its designed or intended purpose without causing unacceptable risk of harm to persons or damage to property.

Records – Controlled historical evidence documenting the design, manufacture, test, inspection, disposition, or acceptance of parts, material, or other deliverables. Records include but are not limited to: Approved Certificates of Conformity, Test Reports, Raw Material Certifications, Special Process Certifications, First Article Inspection Reports (FAIR), Route Cards/Travelers, and Calibration Records.

Repair – Restoring the product to its intended use, which may not necessarily meet all original requirements, in accordance with approved or acceptable data.

Rework – Action taken on a nonconforming product to eliminate the nonconformance and make the product fully conform to the original requirements and specifications.

Shelf-Life Governed Items – Any part for which a limited life is established based upon usage life, chemical reaction life, etc.

Significant Quality Management System Change – Any change to the Quality Management System (QMS) that can impact compliance, governance, or oversight of quality-related activities. This includes, but is not limited to, changes affecting core QMS:

- Processes
- Controls

- Documentation
- Third-party certifications
- Organizational structure and personnel assigned responsibility for the QMS.

Special Processes – (see “Moog Special Processes” section below)

Special Requirements – Those requirements identified by the customer, or determined by the organization, which have high risk of not being met, thus requiring their inclusion in the operational risk management process. Factors used in the determination of special requirements include product or process complexity, experience, and product or process maturity.

Supplier Intellectual Property (IP) – Non-Moog design hardware that is also not COTS. Moog neither owns nor has access to design data. When required, functional test data is to be delivered with the product as in most cases Moog does not possess the inspection/test equipment necessary for validation.

Work Transfer – The movement of work (processes, products, and associated activities) from one manufacturing site or source to another, either internally or externally.

Refer to the Moog supplier portal at <https://www.moog.com/suppliers> for other key Moog terms and definitions, including those listed in the Moog Standard Terms and Conditions of Purchase.

If Moog does not provide a definition for a term in any Moog artifacts or flow-downs, then industry standard definitions [SAE.org](https://www.sae.org) shall apply.

Moog Special Processes

The following are considered special processes at a minimum:

Heat treatment, plating operations, chemical processing, nondestructive testing, welding/brazing, shot peening, Ion Vapor Deposition (IVD), thermal spray processes, organic and inorganic coatings, soldering, crimping.

For special processes not listed, please contact your Moog representative for guidance.