



**MKS V&A
SUPPLIER MANUAL**

1. INTRODUCTION

1.1. Document Purpose & Scope:

MKS is committed to the pursuit of long-term relationships with suppliers who (i) capably, consistently, and competitively provide materials and services to MKS and (ii) continually improve their performance. We view our suppliers as an integral part of our business strategy to maintain our status as a world class company. The intent of this document is to provide an overview of how MKS does business and to identify the expectations we have of our supply base. **All suppliers must comply with all requirements documented in this manual.**

This document applies to any supplier doing business with MKS that provides a product or service that affects product quality. This includes, but is not limited to, OEM, distributors and agents providing product and/or service.

Any exceptions to this manual shall be determined by MKS at its sole discretion. Such exceptions must be approved in writing by an authorized representative of MKS.

“**Product**” whether capitalized or not, shall mean the material or parts provided by the Supplier to MKS.

1.2. Company Overview

MKS Instruments, Inc. is a global provider of instruments, subsystems and process control solutions that measure, control, power, monitor and analyze critical parameters of advanced manufacturing processes to improve process performance and productivity. Our products are derived from our core competencies in pressure measurement and control, materials delivery, gas composition analysis, control and information technology, power and reactive gas generation, and vacuum technology. Our primary served markets are manufacturers of capital equipment for semiconductor devices and for other thin film applications including flat panel displays, solar cells, light emitting diodes, data storage media, and other advanced coatings. We also leverage our technology in other markets with advanced manufacturing applications including medical equipment, pharmaceutical manufacturing, energy generation, and environmental monitoring.

1.3. Business Philosophy and Supplier Code of Conduct

MKS' supplier relationships are based on lawful, efficient and fair practices. A supplier's commitment to full compliance with these standards is the foundation of a mutually beneficial business relationship with MKS. Suppliers must adhere to all applicable legal requirements in their business relationships, including without limitation those with their employees, their local environments and MKS. Suppliers must comply with all MKS purchase orders and/or agreements with MKS and adhere to standards of business conduct consistent with those described herein. The supplier shall, at all times, ensure that it complies with the policies and procedures, including without limitation, the Supplier Code of Conduct located on the MKS website (www.mkinst.com/suppliers). The documents, programs and templates referenced in this supplier manual may be updated by MKS from time to time. All referenced documents herein are available upon request.

2. FACILITY INFORMATION

2.1. MKS Facility Access

Appointments are required for all visitors to MKS. Visitors must enter through the main/lobby entrance of each site. All visitors must sign in with the receptionist and receive a visitor's badge (which must be returned upon leaving). All visitors may be subject to screening against various governmental “restricted party” lists. Each visitor may be required to identify his or her country of citizenship or legal residence for the purpose of ensuring compliance with export regulations. Visitors require an MKS escort at all times while in any MKS facility. All MKS facilities have a non-smoking policy that must be observed at all times. Taking photos or videos in any MKS facility is not permitted.

2.2. Safety Policy

Safety glasses are required in designated manufacturing areas. Material Safety Data Sheets (MSDS) and fire escape routes are posted in each facility in accordance with US federal regulations and other applicable laws. Supplier must comply with all MKS safety policies while at MKS' facilities.

2.3. Visits to Supplier Facilities by MKS' Customers

Requests by an MKS customer to visit or audit MKS' suppliers must be approved by and coordinated with MKS' Global Supply Chain Group. MKS reserves the right to restrict its customers from visiting or auditing MKS' suppliers to the extent such visit or audit is related to services or products being provided to MKS or any related processes, technologies, business plans or terms.

3. QUALITY POLICIES

3.1. Quality and Delivery Goals

- 3.1.1. **General** - MKS expects its suppliers to provide 100% defect free products that conform to (i) the MKS approved specification and (ii) all MKS purchase order (PO) requirements. In addition, these products are to be delivered 100% "on time" – as partial lots do not satisfy the requirements of "on time delivery" (unless otherwise agreed to in writing by MKS).
- 3.1.2. **Delivery** – "On time" delivery will be measured against the PO delivery date, unless otherwise specified in writing by MKS. Kanban receipts are late if the empty tote/bin is not replenished in accordance with the established Kanban agreement, if applicable.
- 3.1.3. **Quality** - Suppliers MUST ensure the delivery of 100% defect free products to MKS in accordance with MKS requirements. Relative performance thresholds will be set every year by MKS and provided to the supplier so that the supplier may evaluate their own performance. Supplier Quality Parts per Million (QPPM) performance data will be calculated monthly and analyzed periodically to determine any change in supplier's performance trend. MKS may use Incoming Material Inspection (IMI) to reduce risks and evaluate new suppliers. Supplier's non-conformances detected in IMI are considered gross errors and will result in a rejection report, which may result in a Supplier Corrective Action Request (SCAR) being issued to the supplier. SCAR results may subject the supplier to "no new business" status and can result in the supplier's removal from the Approved Vendor List (AVL).

3.2. Technical Documentation Hierarchy & Controls:

- 3.2.1. MKS uses drawings and bills of materials (BoM) as the primary vehicles in defining its technical requirements. In the document hierarchy, the MKS engineering documentation (i.e. the MKS approved drawings and BoM material) always takes precedence over any other MKS process and/or MKS supporting documentation. Supplier may not make any changes to the documentation. If necessary, POs will be updated to reflect the new revision level of the product being ordered.
- 3.2.2. MKS engineering and technical documentation may be subject to U.S. export restrictions which may, depending on specific circumstances, require an export license. Suppliers agree to fully abide by all export-related requirements.
- 3.2.3. Changes to the products or processes by the Supplier must follow the change requirements provided in Section 3.3 below.

3.3. Copy Exact (CE) Policy:

- 3.3.1. **Overview** - MKS serves a customer base that needs to maintain very precise process controls to ensure high yield and proven performance of the product. As such, MKS needs to support this process by controlling any changes made to the products, manufacturing and processing of MKS products and parts.
- 3.3.2. **"Copy Exact" (CE) Requirements** - As a supplier, you are required to conform to certain change rules. At MKS' sole discretion, MKS shall select suppliers which must undergo Copy Exact (CE) training to ensure they understand the rules that govern changes made to the product, service or related manufacturing and processing provided to MKS. **It is CRITICAL that no changes are made to any product, service or related manufacturing and processing delivered to MKS without MKS' prior written approval.**
 - 3.3.2.1. **Copy Exact Training** – Upon initial engagement and annually thereafter, if selected by MKS, the supplier is obligated to (i) complete a formal training session (including a comprehension test) to confirm knowledge of the MKS CE rules and (ii) confirm its agreement to comply with CE rules and

requirements. Suppliers will be provided annually with the appropriate “login and password” information required to access the web-based CE training. This training/testing is mandatory and failure to complete this obligation within the specified time will be deemed a breach of supplier’s obligation and result in consequences, including without limitation, termination of any outstanding agreements or Purchase Orders.

3.3.2.2. **Change Request Procedure** – Since some change is inevitable, MKS has devised a system to communicate change requests from suppliers. These changes may be physical (i.e. affecting form, fit or function) or process related (i.e. affecting method of manufacture, location of manufacture, etc.). When required by MKS CE rules, suppliers must fill out a PCN (Product Change Notification) form and submit this to the MKS PCN Administrator for review and action, in accordance with PCN Procedure (MKS-CSC-363). No changes can be implemented without an MKS approved in writing PCN form (MKS-CSC-364). Such a procedure and forms are available upon request from the MKS Global Supply Chain Group.

3.3.2.3. **Change Implementation** – The PCN is only used to request change; MKS’ approval of a PCN does not authorize the cut-in of any change. Once a PCN is approved, the following steps must be taken:

- Documentation of the change must be done with an approved Engineering Change Order (ECO) and/or a Temporary Deviation Notice (TDN). Change notification of new or modified drawings/specifications required by MKS may come in the form of an ECO or a TDN. An ECO is used to document and control permanent changes to the product and to formally communicate its requirements and directives to MKS. A TDN (or equivalent “mark-up”) is used to document and control temporary changes to released material and formally communicate its requirements and directives to MKS. Note: If at the time of the change it is known that the change is meant to be permanent, then an ECO shall be initiated in conjunction with the use of a TDN; and
- Processing the change may require additional requirements as provided in an MKS approved PCN (examples may include First Article Inspection (FAI), Process of Record (PoR), and/or source inspection).
- A “delay” period before a change can be implemented into production is required, unless otherwise agreed in writing by MKS. Suppliers will be provided specific information on the “cut-in” date before implementing an approved change. **No change may be implemented without coordination and written approval from MKS.**

3.4. First Article Inspection (FAI) Policy & Qualification:

- 3.4.1. FAI is a process required by MKS to verify both (i) product compliance to specification, quality and reliability requirements and (ii) volume manufacturing processes. The Global Supply Chain Group will determine if an FAI is required based on the complexity and criticality of the product, services and related processes. If MKS determines that an FAI is not warranted, it shall notify the supplier in writing.
- 3.4.2. The following are examples (but not an exhaustive list) of when an FAI is typically required: (i) certification of a new MKS designed product, including any newly outsourced product; (ii) certification of a product from a new supplier, even if the product is already certified with a different supplier; (iii) closing a SCAR for any product (not just an MKS designed product); and (iv) verification of changes due to product revision.
- 3.4.3. **The FAI must be representative of the manufacturing process. FAI products built on a prototype line and/or in an engineering lab are not acceptable. Rather, all FAI submissions must be done in a capable production environment that will represent the future product delivered.**
- 3.4.4. FAI requirements will be specified and communicated to the supplier prior to the placement of an FAI PO. MKS and supplier personnel must use MKS corporate procedure MKS-CSC-198 and associated “Supplier Instruction Sheet”, to complete the FAI requirements. NOTE: Supplier FAI product performance in quality and delivery will not be included as part of the supplier’s performance metrics.
- 3.4.5. Sometimes a more stringent control (beyond the initial FAI) of a supplier’s manufacturing process or methods is required. In these cases, MKS will work with the supplier to create a Process of Record (PoR) of the supplier’s process. The PoR will be subject to very specific change control requirements. If a PoR is implemented, it will be done in accordance with MKS PoR Procedure #MKS-CQ-181.

3.5. Product Inspection/Test Protocols & Requirements

The following are requirements to ensure product compliance and performance in manufacturing to the defined MKS specification and requirements, including without limitation, quality and reliability requirements.

Every effort should be made by suppliers to ensure preventive and/or mistake proof measures to prevent human errors. One such method utilized is the Poke Yoke process. Poke Yoke is any mechanism in a lean manufacturing process that helps an equipment operator avoid [yokeru] mistakes [poka]. Its purpose is to eliminate product defects by preventing, correcting, or drawing attention to human errors as they occur. Poke Yoke approaches are deployed both for product design and for product manufacturing processes to ensure compliance and to avoid the need for inspection.

The supplier shall determine the inspection and testing methods to ensure performance, quality and reliability of the products and provide its approach to the responsible MKS Supplier Quality Engineer (SQE) upon request. In the event MKS communicates to the supplier any additional or alternative testing or inspection methods or criteria including any product design, quality and testing requirements, the supplier shall promptly comply with such requirements. Any deviation to the MKS requirements or changes to the MKS approved test/inspection protocol must be documented by the supplier and provided to MKS for written resolution prior to acceptance of the applicable purchase order in accordance with the CE rules referenced in section 3.3 above. MKS personnel will determine inspection criteria and process for received products. MKS' procedure may be shared, at MKS' option, with supplier for determining supplier's own inspection criteria or to verify supplier's inspection method for effectiveness.

3.6. Root Cause & Corrective Action Policy

It is MKS' policy to ensure that all errors caused by the supplier are rectified in a timely and permanent way. As such, when requested by MKS, suppliers must submit a root cause analysis and corrective action report for any failure in addition to any warranty obligations and remedies available to MKS. An interim report with root cause and containment actions must be completed and provided to MKS (at no charge to MKS) within 72 hours of the receipt of defective material, unless another time frame is approved in writing by MKS. If additional time is requested to close any corrective and preventive actions, a timetable must be submitted to MKS for its written approval. Such approval shall be at MKS' sole discretion.

3.7. Supplier Assessment & Monitoring:

3.7.1. Supplier Assessment – Suppliers will be assessed using MKS-CSC-009 for both initial and follow-on assessments. Records of assessments are stored by MKS and a summary audit report may be available to supplier upon request.

3.7.2. Supplier Monitoring – Suppliers will be measured monthly for quality and delivery performance, using rules defined in MKS-CSC-071/073. Records of such monitoring are stored by MKS and may be available to supplier upon request.

3.7.3. A drop in performance will prompt MKS to evaluate its ongoing relationship with the supplier. If performance is undesirable but can be managed back to satisfactory levels as determined by MKS, at its sole discretion, the supplier will be entered into an improvement program (see paragraph 3.8).

3.8. Supplier Quality Figure of Merit (SQFM) & Quarterly Business Review (QBR) Programs

The following are MKS programs to help drive improvement with suppliers that demonstrate the need for intervention and/or strategic improvement.

3.8.1. SQFM - This program intends to drive systematic improvement of the supplier's processes. Once selected, the supplier is required to participate in meetings and present its issues and actions for improvement. Details of these programs and associated responsibilities can be found in MKS-CSC-100.

3.8.2. QBR - This program combines the tracking of metrics (quality, delivery, costs, etc.) along with process improvements, strategic goals, business programs, etc. Once selected, supplier is required to participate in meetings and present data/information in accordance with the QBR template. Details of these programs and associated responsibilities can be found in MKS-CSC-100.

3.9. Record Retention

All supplier records must be retained for a period of 5 years and be available to MKS upon request.

4. MATERIALS & OPERATIONS POLICIES

4.1. Purchase Orders (PO)

Products and/or services required by MKS are procured using POs. POs convey specifications and requirements of the products and/or services. The PO and the MKS Terms and Conditions of Purchase “T&Cs” referenced therein are legally binding and cannot be modified by supplier without MKS’ written consent either (i) specifically identifying the sections of the PO or T&Cs being modified or (ii) as a signed written agreement between MKS and supplier. Without limiting the generality of the foregoing, supplier acknowledges that certain technical information may be subject to export controls and all applicable laws and regulations. It is the supplier’s responsibility to do a complete and formal order review at the time of receipt of PO to ensure that all MKS requirements, either on the PO or any referenced documentation therein, can be met. Once the order acknowledgement has been sent back to MKS, the supplier is responsible for all PO requirements. Any additional or inconsistent terms in supplier’s quote or acknowledgement are hereby objected to and shall have no effect.

4.2. Surveys - Supplier shall promptly complete surveys requested by MKS, including without limitation, surveys and certifications related to the chemical composition of products.

4.3. Non-Disclosure Agreement (NDA) - All suppliers are required to sign an MKS NDA prior to engaging with MKS.

4.4. Material Substitution/Alternate Sources/Part Substitution Policy

4.4.1. Approved Vendor List (AVL) Designations - Suppliers must conform to the sourcing requirements defined in MKS’ drawings and/or BoM. Approved manufacturers will be provided upon request. In the event a supplier needs to use an alternate source or part (e.g. due to material availability, cost, etc.), the supplier must submit the MKS PCN and receive MKS written approval pursuant to 3.3 above.

4.4.2. Discontinued Product - Supplier shall provide MKS with at least 18 months advance written notice, via the MKS PCN process, of its plan to discontinue a product. Supplier will accept all releases and POs issued from MKS during the 18 months. Supplier will ensure that its sub-tier suppliers provide the supplier with sufficient notice to meet the described 18 month advance written notice requirement. Without limiting the foregoing in any way, the supplier shall promptly notify MKS upon its receipt of discontinuance notices from its suppliers.

4.4.3. Authorized Purchasing Channels for Electronic Parts – Suppliers may only buy from an OEM, factory manufacturer or a franchised distributor. Unless authorized in writing by MKS, Suppliers shall not use integrated circuits unless they meet the requirements of the MKS-COP-132 (latest revision).

Products, components or parts purchased by supplier or its sub-tier suppliers through third party brokers or any other “grey market” sources are **NOT** allowed.

4.4.4. Supplier processing machined parts from critical raw materials - When processing Stainless Steel, Inconel and Incoloy parts, these parts may never be exposed to sulfur based coolants or solvents. These materials are used in critical gas processing applications that can cause significant yield and process problems to MKS and its customers. Supplier must have in place policies to ensure compliance with such processing.

4.4.5. Supplier Flow Down - **It is the supplier’s responsibility to ensure compliance of their internal processes and sub-tier sources with the requirements herein.**

4.5. Supplier Material Review Board (MRB) Authority

MKS products are used to control critical applications and processes at the end customer facility. Only MKS is fully capable of determining the effects of deviation in relation to our products’ intended use. It is required that the supplier will deliver the product in accordance with the PO requirements. Deviations from the MKS requirements will be reviewed by the MRB. Only the MKS MRB may approve any such deviations.

4.6. Operational Excellence

MKS endeavors to use suppliers that are experts in their field in order to maximize the quality and reliability of its product offering. All suppliers should strive to achieve operational excellence in all areas of their business. This could include implementation of the following:

- 4.6.1. **Quality Management System (QMS)** - All of the major MKS manufacturing & service facilities have implemented a QMS that complies with the latest revision of the ISO 9001 standard. While MKS does not mandate that their suppliers are ISO registered, MKS strongly recommends having a QMS that mirrors the requirements of ISO 9001. Whether or not supplier maintains an ISO registration, MKS reserves the right to conduct a facility audit to confirm compliance with MKS requirements, including without limitation, this document, the applicable PO, the NDA and the T&Cs.
- 4.6.2. **Statistical Methods** – The use of analysis tools (like Statistical Process Control, Design of Experiments, etc.) in the manufacturing process to ensure proper process control.
- 4.6.3. **Lean/5S** – It is recommended that suppliers use lean principles to ensure an efficient operation that minimizes inventory, prevents waste and shortens cycle time. Such principles include but are not limited to 5S/6S, value added vs. non-value added analysis and continuous improvement. The expectation is that these techniques will assist the supplier in meeting quality and delivery goals.
- 4.6.4. **Material Control Systems** – The use of Kanban, pull-system, “point-of-use” stocking and other similar methods to minimize stock-outs, enhance cycle and takt time, etc. For most purchased products, MKS uses a Kanban product delivery system which maintains a continuous availability of product. This system supports manufacturing and service needs while following the guidelines for targeted inventory levels and turns. Suppliers entering into a Kanban relationship with MKS are required to sign a Kanban agreement that defines mutual responsibilities for ensuring a continuous supply of product. Since the objective of the Kanban system is to maintain a continuous availability of material, it is imperative to the success of the Kanban system that suppliers in the program also implement the process within their own supply base.

4.7. MKS Owned Material & Equipment

- 4.7.1. **Material** - MKS requires that suppliers who house MKS owned material in their facility (i) store the MKS owned material in a location that ensures that it will remain fit for use; (ii) clearly marked as "MKS Material Only"; (iii) segregate the MKS owned material from other material; and (iv) label the MKS owned material with the correct MKS part number affixed to it. MKS may require the supplier to periodically conduct an inventory count of its material and submit the counts certified as accurate.
- 4.7.2. **Equipment** – MKS may, at its sole discretion, provide suppliers with test equipment including functional testers, test fixtures, automated test stands etc. as well as special mechanical tooling (e.g. jigs, fixtures, punches, etc.) that is paid for by MKS but maintained on supplier’s site, all of which shall remain MKS property and shall only be used by the supplier for the sole benefit of MKS.
- 4.7.3. **Maintenance of MKS Material and Equipment** - In the event any material is provided by MKS or MKS equipment is at supplier’s site, it is the supplier’s responsibility to maintain the material and/or equipment, including but not limited to, providing for: (i) proper care and usage; (ii) all required preventive maintenance; (iii) any MKS mandated software upgrades; (iv) periodic mechanical measurement and/or calibration requirements; and (v) proper storage locations and conditions. Supplier shall be fully responsible to MKS for any theft, damage or loss to the MKS material and/or equipment and shall be fully insured in the event of any loss. In addition, any MKS material and/or equipment must be promptly returned to MKS upon written request to the supplier. MKS-owned property will not be transported, relocated, exported or transferred, without prior written approval from MKS.

4.8. Escalation Policy

MKS has an open door policy with respect to suppliers communicating issues, problems or other concerns that affect the business relationship. All suppliers are encouraged to work through their applicable MKS buyer/planner to first identify and resolve any issue. If it is not addressed satisfactorily after a reasonable time period, it is expected that the supplier will continue to escalate the issue up the chain of the MKS organization, until the issue is resolved. The MKS Senior VP of Global Operations will have final say on all matters relating to the supplier community.

4.9. Clean Room Capability & Certification Requirements

On occasion, MKS may choose to outsource a part or assembly that requires manufacturing and/or packaging in a clean room environment. In these cases, it will be incumbent on MKS to provide to the supplier (via PO or MKS drawing) the exact cleanliness required for the part/assembly being purchased. Once that level has been established, it is the responsibility of the supplier to ensure the integrity of the clean room environment. For any clean room, the environment must be set up and validated in accordance with ISO 14644 (all applicable sections). Records of the clean room measurements and certification must be available for MKS to audit.

4.10. Supplier Web Interface

As part of the company wide implementation of the electronic ERP system, suppliers may be requested to utilize a web based supplier portal as part of doing business with MKS. It is expected that all suppliers will establish internal capabilities and procedures to access this web portal on a regular basis, as this will be the main delivery vehicle for forecasts, policies, procedures, quality alerts, training requirements and other communications from MKS.

5. SHIPPING & DELIVERY POLICIES

5.1. Kanban Shipment Requirements

For most commodities, MKS uses a Kanban material delivery system, which maintains a continuous availability of material. See Paragraph 4.6.4

5.2. Supplier Shipping Instructions Unless otherwise provided by MKS in writing, suppliers shall comply with MKS-CTC-057 when shipping products to all MKS facilities or for shipments routed directly to MKS customers or Suppliers.

5.3. Repair, Replacement, and Alteration

In the course of doing business, it may be necessary to return material to locations outside of the U.S. for repair, alteration or replacement. If the same items exported are repaired and returned it may be possible to seek a duty relief on re-import to the US if all the required conditions of the limited Customs program are met. Contact MKS Global Trade Compliance with any specific questions to determine if this applies to your company.

5.4. Documentation

Unless specified on the PO, MKS drawings and documentation such as inspection results, test data, and certificates of conformance are not required to be submitted by the supplier with each shipment. However, these documents must be on file at the supplier and available to MKS pursuant to Section 3.9. If raw material certifications are required by MKS documentation, they must be supplied with each lot shipped.

5.5. International Shipment Documentation Requirements

MKS is subject to U.S. government control and trade law regulations. In order for MKS to properly accept and take receipt of your material and ensure compliance with applicable trade regulations, MKS requires that all suppliers adhere to requirements defined in the International Supplier Documentation Requirements. Reference Work Instruction MKS-CTC-054.

5.6. Notification of Shipments to MKS

Supplier must send an immediate notification of shipment by electronic means to the MKS buyer/planner who placed the order. This notification must include (at a minimum) the shipment carrier tracking number, purchase order (PO) number and part number(s).

5.7. Packaging

MKS will provide suppliers with detailed written packaging instructions specific to any given product when engaging a new source, supplier, product or revision. In general, MKS requires that each lot of material be identified, at a minimum, with part number, quantity, and PO, except for Kanban receipts. Multiple part numbers may be included in one shipping container provided they are individually packaged and identified within the container by applicable part number labeling on each package. A container is defined as the most exterior box of the total supplied material. A package is defined as the packaging material in direct contact with and protecting the finished goods. The supplier's packing slip and the container must also indicate that multiple part numbers are within the container. Packaging selected must ensure product integrity upon receipt at MKS including allowing for all products to be safely

transported and stored in MKS stocks *in the package only* (not the container). For sample guidance, please reference the Specification for Protective Packaging of Fabricated Parts and Assemblies Specification (MKS PFMC Doc #112312).

5.8. Solid Wood Packing Materials Requirements

The US Department of Agriculture's (USDA) Animal and Plant Health Inspection Service (APHIS) regulates wood packing materials such as pallets and crates to comply with USDA conditions. If the goods are packed with or in wood containers, the importers are required to meet the conditions defined in International Standards for Phytosanitary Measures (ISPM 15) that mandate all wood packaging material be appropriately treated and marked. Suppliers must refer to MKS-CTC-055.

5.9. Delivery & Packaging Requirements

Suppliers are required to adequately package materials to prevent damage and/or deterioration based on the transportation mode being used. The supplier shall comply with all MKS policies and all rules or regulations applicable to packaging for shipping.

5.10. Part Marking & Labeling

MKS also requires adequate product labeling to aid in the receipt and proper delivery of products to the stock room or manufacturing floor. Barcode labels are to be applied to each container of products. The Barcode label must also be human readable and contain the MKS part number, revision level (when applicable) MKS P.O. number, lot code (when applicable), quantity and date. The font size for the label information should be large enough to be easily read from a distance of 5 feet. If using over packs, each individual container within the over pack must be labeled as well. The inner packs should contain the part number and quantity at a minimum. If labeling does not meet these requirements the products will be rejected without liability or cost incurred by MKS.

5.11. Country of Origin (CoO) Marking

MKS requires that every article of foreign origin (or its container) imported into the United States be marked in English, legibly, conspicuously, indelibly, and permanently with the "country of origin". Because MKS products may be subject to import, export and re-import, this requirement applies to all imported products including returns and repairs. If necessary, contact MKS Global Trade Compliance with the specific questions you have concerning package marking

"COO" is generally the country in which a product was manufactured, assembled, or otherwise "substantially transformed" into a new article. It is the Supplier's responsibility to accurately determine the COO for the products sold or otherwise provided to MKS. Supplier will, upon request, provide MKS with a certificate or affidavit attesting to the COO for a product. Supplier, upon MKS request, will provide acceptable evidence of qualification under a free trade agreement, or will confirm non-qualification.