

PURCHASE ORDER ATTACHMENT Q-3B
Material Traceability, Compliance Evidence and Certification of Special Processes

Seller shall retain traceability on raw materials, electronic, mechanical, machined and fabricated parts, and sub-tier processes from receipt by Seller to shipment to Buyer. Certification of Conformance for material and special processes shall be included with each shipment to Buyer. The system provides for two-way traceability:

1. Traceability forward, where each material or part can be traced to the next assembly and subsequently to the actual location in the supplies delivered to the Buyer.
2. Traceability backward, where each material or part used in supplies can be traced back to the Lot received at the Seller's facility.
 - a. A lot is defined as an equivalent quantity of parts/material received and controlled as a single procurement transaction.

If Customer Furnished Material is provided to the Seller from the Buyer, the Seller shall also maintain a traceability system for all Customer Furnished Material. The system shall provide for one-way (backward) traceability for all material received from the Buyer. The traceability number(s) which accompany the Spectrolab supplied material (e.g. packing slip number) shall be attached to each lot produced by the Seller.

The records shall provide traceability to the lot, batch or serial number received at the Seller's facility and enable correlation to data derived from the testing, inspection or processing of the parts and materials. Traceability shall include parts and materials that are modified, repaired or reworked. Records shall be retained as defined by the Purchase Order provisions and attachments and shall be applied by the Seller to sub-tier suppliers.

Serialized parts or subassemblies shall be traceable from individual components through subassemblies. A subassembly is two or more components which form a portion of the final assembly but are individually replaceable.

Special Processes, per SAE ARP9134, include processes which cannot be subsequently verified by visual inspection or measurement such as:

Thermal Processes

Welding and Brazing

Finishing and Coating such as anodizing, painting, powder coating, etc.

Non-destructive in-process testing

If special processes are required, certification of process completions from supplier of record and sub-tier suppliers shall be included with each shipment to Buyer including Bulk Hardware.

Bulk Hardware: Trace for non-electronic items ordered to a MIL, MS, NASM, AS, etc. specification, or by Industry Standard part number, e.g. bolts, screws, nuts, terminals, rivets, clamps, washers and eyelets may be met by supplying a copy of the OEM Certification of Compliance as part of the shipment documentation.