

Q01	<p>Inspection System</p> <p>The Supplier shall provide and maintain an inspection system which will assure that all supplies and services submitted to Inertia Switch for acceptance conform to the purchase order requirements whether manufactured, processed, or procured from sub-contractors or sub tier suppliers, unless the Inertia Switch buyer is notified about the condition of a nonconformity and the buyer provides authorization to proceed with shipment/presentation of the nonconforming supplies/services to Inertia Switch. The Supplier's inspection system shall be documented and evidence to indicate approval by suppliers' senior management is required. The Supplier shall notify ISI of nonconforming product or services immediately upon discovery and obtain ISI approval for nonconforming product disposition. Inertia Switch reserves the right to review and approve the External Providers Quality Management System.</p>
Q02	<p>Supplier Control</p> <p>All Seller procured supplies/services which become a part of the item(s) delivered in accordance with this Purchase Order shall conform to drawing(s) and specification(s) requirements. Seller's system shall assure: Purchase order flowdown of applicable quality and technical requirements, suppliers' capability to produce items and adequate methods of assuring compliance. Seller shall maintain the proper identification and revision status of specifications, drawings, process requirements, inspection/verification instructions and other relevant technical data. Seller's suppliers shall be required to flowdown and verify requirements of supplies/services they subcontract. When required, Supplier shall use customer-designated or approved Inertia Switch external providers, including process sources (e.g., special processes). Inertia Switch reserves the right of final approval of, methods, processes and equipment, and the final release of products and services.</p>
Q03	<p>Data Retention</p> <p>The supplier is responsible to maintain all inspection records of products being delivered to Inertia Switch. This includes travelers, material and plating certifications, dimensional measurements, and test data of any kind. Records shall be kept for (10) ten years from shipment of product. This information shall be made available to Inertia Switch upon request. Inertia Switch requires the disposition of such documents to be controlled in accordance with the requirements of applicable Quality Management Systems.</p>
Q04	<p>Certificate of Conformance</p> <p>The Seller shall provide certification with each shipment that all quality, conformance, and other applicable requirements have been met in accordance with the specifications stated in the item description/part number appearing on this purchase order. The certification shall be signed (or duly authenticated via approved alternate means) by a corporate officer or other designated responsible individual. The following information is required in the conformance certification:</p> <ul style="list-style-type: none"> • Purchase Order Number (Inertia Switch P.O. Number) • Purchase Part Number (as shown on the P.O.) • Drawing revision when included on P.O. • Manufacturer's Part number, if different from above • Manufacturer Name (not Distributor name) • Authorized Signature per the above
Q05	<p>First Article Inspection/Test</p> <p>The Seller shall conduct a complete first article inspection and/or test (FAIT) on one part chosen from the first production lot of the initial Purchase Order. The FAIT shall be done on both the Inertia Switch drawing and all Seller's build to print items. The part shall be</p>

	<p>representative of the production lot. Subsequent to an FAIT acceptance, if there are any changes in the method of production, Inertia Switch shall be notified immediately to determine if another FAIT will be required. These changes are defined as any change in the following used to produce the item: Facility/Processing Equipment, Procedures (drawings, materials, BOM, travelers, etc.), Location, Outside Processes. Additionally, a complete FAIT will be required prior to shipment of hardware if one year or more has elapsed since the last production item was produced.</p>
Q06	<p>Product and Process Changes In order to ensure appropriate change classification, Supplier shall submit to Inertia Switch all Product and Product Affected Process Changes for review and/or approval. No changes shall be made to Inertia Switch design parts without prior Inertia Switch written approval.</p> <p>Where the Supplier has design authority; Supplier shall submit Class 2 (minor) changes for concurrence and Class 1 (major) changes for approval. All Product and Product Affected Process Changes shall be submitted to the Inertia Switch Buyer for internal distribution. Supplier shall make submissions with sufficient time for Inertia Switch concurrence and/or approval, without affecting delivery schedule. Inertia Switch shall provide to Supplier written approval for Class 1 changes.</p>
Q07	<p>Special Process Control The Supplier shall, as a minimum, demonstrate a degree of control over these processes to provide assurance that specifications are complied with detailed procedures. Special processes required by this purchase order must be performed by competent qualified personnel. Inertia Switch reserves the right to approve or specify any special requirements, critical items, or key characteristics; approve or specify any test, inspection, and verification (including production process verification); to approve or specify the use of statistical techniques for product acceptance and related instructions for acceptance.</p> <p>Copies of special process procedures and certifications shall be supplied to Inertia Switch upon request. If the Supplier uses facilities other than his own, that facility is subject to the same conditions stated herein.</p>
Q08	<p>Foreign Object Debris/Damage (FOD) Prevention The Seller shall establish and maintain an effective FOD Prevention Program to reduce FOD using NAS412 as a guideline. The Seller's program shall utilize effective FOD prevention practices. The program shall be proportional to the sensitivity of the design of the product(s) to FOD, as well as, to the FOD generating potential of the manufacturing methods. The written procedures or policies developed by the Seller shall be subject to review and audit by the Buyer and/or government representative, and disapproval when the Seller's procedures or policies do not accomplish their objectives.</p>
Q09	<p>Pure Tin Control Electronic, electrical, electromechanical, and mechanical piece parts and assemblies, including the internal fabrication of hardware, delivered to Inertia Switch under the provisions of this Purchase Order shall not have pure tin finishes. Additionally, any tin-lead (SnPb) plating or solder process/processing shall result in a finish of no less than 3% lead composition. Note: This applies to component leads and terminations, carriers, bodies, cages, brackets, housings, mechanical items, hardware (nuts, screws, and bolts), etc. This does not apply to MIL-SPEC Parts or Inertia Switch Drawings that allow the use of Tin (Sn) with less than 3% Lead (Pb).</p>

<p>Q10</p>	<p>Source Inspection Seller shall notify the Buyer's Quality Representative of his readiness for surveillance/inspection/test activities at least (5) working days in advance of the required activity. Once Seller notifies the Buyer and confirms surveillance/inspection/test schedule, the Seller is responsible for additional notification of events that may affect the established schedule. Supplies and services ordered by this purchase order are subject to surveillance/inspection/test, at the Buyer's discretion, by Buyer's Quality Representative at Seller's plant. Specific surveillance/inspection/test activities selected by the Buyer's Quality Representative may include review of all aspects of the production system, witnessing of processes, points of test and in-process inspection/test required to verify conformance to this purchase order. Review of quality system documentation may be performed that covers any item affecting conformance such as calibration of equipment, inspection reports, inspection instructions, procedures, configuration control, skills certification or packaging methods. Buyer's Quality Representative may conduct final inspection/test as necessary to determine conformance to this purchase order.</p>
<p>Q11</p>	<p>Counterfeit Part Avoidance Seller shall maintain a Counterfeit Item risk mitigation process internally and with its suppliers using SAE AS5553 as a guide. The seller shall ensure that only new and authentic materials are used in product to be delivered to Inertia Switch. The seller agrees and shall ensure that Counterfeit Parts are not contained in products delivered through the implementation of policies that include prevention methods to protect against the use of Counterfeit Parts. The seller shall only purchase products, to be delivered or incorporated in an assembly to Inertia Switch, directly from the Original Component Manufacturer (OCM) /Original Equipment Manufacturer (OEM), or through an OCM/OEM Authorized Distributor. The seller shall maintain OCM/OEM certificates for all Electronic, Electrical and Electromagnetic components and devices including those items in assemblies or subassemblies delivered as part of this purchase order. OCM/OEM Certificates of Conformance are required with product delivery. Seller shall immediately notify Inertia Switch with the pertinent facts if Seller becomes aware or suspects that items delivered in accordance with the Inertia Switch purchase order are or contain suspect or confirmed counterfeit items. The seller should promptly disclose such item(s) to the Buyer and replace such item(s) with item(s) acceptable to Buyer at no increase in price, cost or fee. The seller shall promptly investigate, analyze and report in writing to the buyer. The parties shall agree upon the appropriate course of action. The seller shall flow the requirements of this provision to its sub-tier suppliers at any tier for the performance of this Purchase Order. Wherever applicable Inertia Switch reserves the right to require external providers to show evidence of processes to prevent the use of counterfeit parts.</p>
<p>Q12</p>	<p>Raw Material Analysis The Supplier shall forward with each shipment of material, a copy of the mill chemical and physical analysis for the raw material on this Order. The report shall bear the heat number and a separate report shall be forwarded for each heat.</p>
<p>Q13</p>	<p>Right of Access The Supplier shall provide Inertia Switch, our customers and regulatory authorities access to</p>



Supplier Quality Clauses

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	<p>all facilities involved in this purchase order and to all applicable artifacts. Such visits do not absolve the Supplier of the responsibility to provide acceptable product. Verification by Inertia Switch's customer does not preclude subsequent rejection by Inertia Switch of any nonconforming items.</p>
Q14	<p>Packaging The items on this order shall be packed, packaged and preserved in such a manner as to assure adequate protection from deterioration and physical damage due to material handling or shipment. The material shall arrive at Inertia Switch free of nicks, dents, gouges, scratches and undue oxidation. Parts subject to oxidation shall be packaged with a suitable preservation or an oxidation inhibiting paper such as non-rust paper. Springs shall be packaged to preclude entanglement. When required by the purchase order and/or referenced documents, the supplier shall pack and package supplies to specific packing and packaging specifications.</p>
Q15	<p>Employee Awareness Inertia Switch reserves the right to require and request evidence from External Providers ensuring that their personnel are aware of: their contribution to product or service conformity; their contribution to product safety; the importance of ethical behavior.</p>