

SUPPLIER QUALITY ASSURANCE REQUIREMENTS
Q-CODES

This document establishes the Quality requirements (Q-codes) that are applicable to the extent specified in the purchase order.	
QR1	The Certificate of Conformance document must reference the Cumberland Additive (CAI) purchase order (PO) number and all required provisions identified in the purchase contract.
QR2	The supplier will provide immediate written notification to Cumberland Additive when known or suspect defective, nonconforming or counterfeit parts, materials, components, software, or vendor items have been delivered to CAI. The report shall contain a detailed description of the non-conformance, lot and/or serial number traceability, along with supplier corrective/preventative actions taken to preclude recurrence.
QR3	Product shall be packaged and protected for shipment in accordance with the instructions with the Cumberland Additive purchase order, and best commercial practice to protect from damage and/or deterioration during transportation.
QR4	The supplier shall ensure that employees are aware of their contribution to product conformity, product safety, environmental protection, and the importance of ethical behavior.
QR5	Foreign Object Debris (FOD) The supplier shall establish procedures to control and eliminate Foreign Object Debris, Damage, or Contamination throughout the entire process.
QR6	Hazardous Material seller agrees to furnish the applicable Material Safety Data Sheets (MSDS) with each shipment for products designated by industry, state, or federal agencies as hazardous material
QR7	The supplier is required to retain manufacturing, material, and inspection records and maintain a system able to provide records on request by Cumberland Additive or the Federal Aviation Administration, in a period not to exceed five working days. Unless specifically identified in this PO, these quality records are required to be maintained for a period of ten (10) years after final delivery of all items addressed in this PO.
QR8	Government, Customer, or Regulatory Agency reserve the rights to source inspect or audit any or all work included in this purchase agreement at seller's plant prior to shipment. Verification by the customer does not absolve the seller of the responsibility to provide conforming product, nor shall it preclude subsequent rejection by customer. Seller shall be notified prior to shipment if Government, Customer or Regulatory Agency inspection is required.
QR10	The supplier and supplier subcontractors shall meet and maintain a Calibration System in compliance with Calibration System Requirements of ISO17025.
QR10	Seller shall perform a First Article Inspection Report (FAIR) in accordance with the requirements contained in AS9102 Aerospace First Article Requirements. Seller may document using the AS9102 form or an internal form that contains the information defined by AS9102, including 100% of specification requirements. One copy of supplier FAIR shall be furnished along with the first shipment for this PO/contract.
QR11	The supplier shall perform 100% inspection of the Cumberland Additive noted characteristics, a record of the inspection results shall be provided to RTI/Directed Manufacturing Inc., sampling inspection is not allowed.
QR12	The supplier shall implement and maintain a Key Characteristics (KC) control program acceptable to Cumberland Additive.
QR13	The supplier shall have a Quality System that complies with ISO9001 latest revision.
QR14	The supplier shall have a Quality System that complies with AS9100/ISO9001 latest revision.
QR15	This purchase order is for special processes required by our customer "Northrop Grumman Aerospace Systems." Please note applicable process specifications and revisions listed.
QR16	The supplier shall conform to all Department of Defense Federal Acquisition Regulation Supplement (DFARS) government requirements and is responsible for flowing down this requirement to all sub-tiers and raw material sources.
QR17	The Supplier shall be responsible for awareness of "Critical to Quality" and "Flight Safety" markings and performing the required inspections to satisfy conformance. A process/program must be in place to handle this requirement. Copies of relevant specifications will be flowed down at PO transmission, or available for review at Supplier request.
Cumberland Additive, Inc. (CAI) monitors supplier quality and delivery performance and will require supplier corrective action when they fall below expectations.	