Q932 Process-Product Integrity Assessment (PPIA) - rev 6/6/02

(a) Goods produced for this contract shall be subject to a Process-Product Integrity Assessment (PPIA). Upon receipt of this contract, Seller shall notify Buyer so that PPIA activities (Phase 1 & Phase 2) may be coordinated/scheduled.

(b) The PPIA is used to measure and evaluate the effectiveness of Seller's manufacturing processes. In addition, it is also a risk mitigation tool used to preclude subsequent quality problems during the manufacturing process.

(c) Buyer's Quality Engineering facilitates the PPIA team and is designated as team leader. The PPIA is typically performed by representatives from Buyer's Engineering, Supplier Management & Procurement, Configuration Management, Safety & Reliability and Supplier Quality Assurance organizations. Buyer's Customer may also participate in the PPIA. The assessment may extend to Seller's subtier suppliers.

(d) For PPIA Phase 1 (Seller's self-assessment), Seller shall:

(1) Identify "key characteristics" associated with the manufacturing process using the Key Characteristics Risk Analysis Worksheet (Form MD-2508).

(2) Generate manufacturing process flow charts that include identified key characteristics.

(3) Perform internal self-assessment of processes by validating the adequacy of controls to ensure capability, manufacturability, and compliance with specified requirements.

(4) Notify Buyer at least 30 days prior to the start of manufacturing of the goods produced for this contract.

(5) Provide copies of technical data (i.e., manufacturing instructions, process flow charts, drawings, process specifications, corrective action plans for findings, etc.) to Buyer in preparation for Phase 2 activities.

(e) For PPIA Phase 2, (Buyer's assessment at Seller's facility), Seller shall:

(1) Provide Buyer's assessment team reasonable access to Seller's facilities, records, and personnel associated with goods produced for this contract.

(2) Provide documented evidence that controls are in place to ensure capability, manufacturability, and compliance with specified requirements.

(3) Create a corrective action plan for any findings identified during the assessment.