

Title:

**Statistical Process Control****Aerojet Quality Note****C08****Rev #      Date****1****11/5/08**

SPC techniques (including control limits and control charts) shall be used. These techniques will meet the intent of American National Standards Institute (ANSI) z1.1, z1.2, and z1.3. All characteristics identified as critical by Aerojet must be included in the SPC plan. Control limits must be established statistically and be based upon the documented history of the process capability. The supplier must also demonstrate that the manufacturing process is capable of maintaining a Cpk of 1.33 or better on all characteristics identified in the SPC plan. Any characteristics identified in the SPC plan that are NOT stable with a Cpk of 1.33 or better must be screened 100% and objective evidence must be provided with each shipment that the lot was 100% screened for that characteristic.

For Aerojet Purchase orders originating in Camden AR, Clearfield UT, Culpepper VA, or Gainesville VA, acceptance methodology and reporting must be approved via the VIR by Aerojet prior to manufacture. The VIR form can be found here: [VIR Form](#)

For Aerojet Purchase Orders with Redmond WA or Sacramento CA: Send email to Aerojet buyer.

Rev	Date	Description of Change	Changed By

This document is an integral part of the contract (purchase order) in which referenced. **Applicable Revision:** The revision in effect at the time the purchase order is placed.