

1. Quality Systems
 - a. Certified to ISO 9001:2015 Quality Management System
 - i. Wallingford, CT USA
 - ii. Guanghan, China
 - b. Supplier Qualification and Monitoring Program
2. Inspection Measuring Equipment
 - a. Zeiss Accura 16-foot CMM
 - b. Zeiss Contura 5-foot CMM
 - c. Faro 6-axis portable CMM
 - d. Mitutoyo 14-inch Optical Comparator
 - e. Wilson Rockwell Hardness Tester
 - f. Standard, Metric, ACME, API Thread Gages
3. Standards
 - a. IPC A610 – Acceptability of Electronic Assemblies
 - b. ISO 17025:2005 – Calibration Standard
 - c. API Specification 7 – Rotary Drill Stem Elements
 - d. ANSI/ESD S20.20:2014 – Electrostatic Discharge Control Program
4. Reliability Testing & Test Equipment
 - a. Highly Accelerated Life Test (HALT) – Reliability evaluation of new electronic designs
 - b. Unholtz-Dickie Electrodynamic Shaker System – Shock/Vibration/Temperature evaluation of electro-mechanical designs
 - c. Highly Accelerated Stress Screening (HASS) – Screening of Production electronic circuit boards
 - d. Accelerated Life Testing (ALT) – Determination of useful life of electronic circuit boards
5. Reliability Management Program
 - a. Weekly Failure Review Board meetings to evaluate product failures
 - b. Product Maintenance database to track history/maintenance of products
 - c. Quarterly statistics on product reliability and recommended improvements
 - d. Development and implementation of reliability testing requirements
 - e. Monthly monitoring of product reliability (MTBFF)