



Data Sheet - Quality and Test

Quality control is an integral part of our customer-focused drive for continuous improvement and enhanced manufacturing processes.

Our primary goal is to satisfy the needs and exceed the expectations of our customers. This is accomplished through the implementation of nationally and internationally recognized accreditations.

A leader in good manufacturing practices, Kavan Technologies meets international Quality Standards such as: ISO 9001, ISO 1400, ISO 13485, and TL9000

We understand regulatory compliance engineering and the importance of incorporating them at the front end of the product development process.

We meet international Regulatory Product Approval & Compliance including:

- UL
- CSA
- CE
- ETL
- FCC
- VDE
- TUV
- RoHS
- WEEE

Key processes that are controlled within Kavan Technologies include:

- Supplier quality
- Document control
- Customer complaint tracking
- Corrective and Preventative Action
- Supplier corrective action
- Control of nonconforming material
- Document control
- Equipment, Process and Software Validation

Test Options

- Program generation direct from CAD data
- Customer specified test plan
- Design For Testing implementation and feedback
- Manual defect analysis
- ICT (In-Circuit test)

- Functional test
 - In-house design
 - Customer supplied
- Automated Optical Inspection
- Final assembly test on complete integrated system
- Hi-Pot test on PCBs
- Flying probe test
- Environmental test
- Thermal shock test
- Burn-in test
- Dust test
- Heavy metal scanner
- Abrasion test
- Audio test
- Drop test

Services

- Vendor audit and score cards
- 5S House-keeping
- Statistical Process Control
- Supplier management
- Incoming Quality Control
- In Process Quality Control
- Outgoing Quality Assurance