

# ESPEY

**Mfg. & Electronics Corp.**

*Capabilities*



## QUALITY CONTROL

- **ISO9001 Registered and Certified Process**
- **Active Statistical Process Control**
- **Supplier Process Surveillance (SPS) Vendor**

### Quality Management System

Registered to ISO 9001 since 12-24-97.

### Registrar:

- ✓ to ISO 9001:1994 (ANSI-RAB) by National Quality Assurance, USA.
- ✓ to BS EN ISO 9001:1994 (UKAS) by National Quality Assurance.

**Status:** Final transition to ISO 9000-2000 by Oct-2003.

**Contract Reviews:** Performed by the Program Management team and Engineering working with the customer to determine needs.

**QC:** Assessments are performed on products throughout the manufacturing process, from incoming inspection to final inspection and test. Quality engineers are assigned to specific programs. Six Sigma Black Belt techniques are implemented on specific programs.

**Non-Conforming Material:** Handled in accordance with our ISO level 2 procedures. Includes identification, segregation, root cause analysis and corrective and preventive action review, both at floor level and by the Corrective Action Team that meets weekly.

### Process Controls

- Personnel  
Training and qualification cycle maintained
- Work Instructions  
Employed in addition to controlled drawings and travelers.
- Equipment  
Dedicated fixtures and tooling. Traceable calibration.
- Material  
Material control through MRP. Approved vendor list and vendor rating system in operation. Vendor source inspection maintained.
- Environment  
Industrial engineer reporting to ergonomic, ESD and process control issues.

### Capabilities:

- ✓ Solder training and certification to IPC standards
- ✓ Six Sigma Black Belt quality engineers on staff
- ✓ SPC integrated in ERP system (Vantage©)

### Resources:

- ✓ CMM Inspection system
- ✓ Dye penetrant weld testing
- ✓ Instrument calibration laboratory

