



FOR IMMEDIATE RELEASE

### Facility Elevated to ANSI/IPC J-STD-001 CLASS 3 Workmanship Standards

Durham, Connecticut – March 2008 – Technical Manufacturing Corporation announced this month that it has completed the elevation of its production facility to ANSI/IPC J-STD-001 CLASS 3 (Revision D) workmanship standards for soldering of electronic assemblies in response to the company's Enterprise Excellence Initiative. Class 3 workmanship standards are typically required for high performance electronic assemblies used in the medical, defense and automotive industries where on-demand performance is required, equipment downtime cannot be tolerated or environmental conditions are uncommonly harsh. The Department of Defense and Tier One Defense Contractors have adopted the J-STD-001 specifications for soldered electronic assemblies and, as such, it has become a requirement for the company to achieve this workmanship standard.

Management developed a multi-faceted approach to implementing a CLASS 3 production environment at the company which included (but was not limited to) additional employee training, optical Quality Control inspection equipment installation, statistical process control software enhancements and environmental monitoring of electrostatic discharge control on the plant floor. Director of Operations Anthony Calabrese was responsible for the successful implementation of a CLASS 3 production environment at the company. Mr. Calabrese, who was trained by the company as a Certified IPC Trainer (CIT), developed and implemented an internal J-STD-001 training program to train all production employees as Certified IPC Specialists (CIS) with an emphasis on CLASS 3 workmanship. He also selected and procured a high power digital optical inspection system appropriate for all electronic package sizes and pitch for CLASS 3 inspection application. He also developed the proprietary Product Inspection & Tracking System (PITS) to acquire and disseminate statistical process control data to senior management. The company upgraded their HVAC systems with humidifiers and installed Dickson FH320 humidity and temperature real time data loggers in all production areas. The data loggers are constantly monitored with Dickson A016 software to provide for control of environmental conditions throughout the building to ensure that electrostatic discharge hazards are minimized or eliminated.

### About Technical Manufacturing Corporation

Technical Manufacturing Corporation is a Connecticut-based contract electronics manufacturing company that has been successfully providing electronics manufacturing services to small and Fortune 500 companies worldwide since 1985. We build a wide variety of products for our customers, which are used in many different commercial and military applications across all industries including the medical, computer, automotive, aerospace, test & measurement and telecommunications. For more information, please visit us on the internet at [www.techmfgcorp.com](http://www.techmfgcorp.com) or contact David Bonito, Sales & Marketing Manager by email at [dbonito@techmfgcorp.com](mailto:dbonito@techmfgcorp.com) or by phone toll-free at (888) TECH MFG.

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