

Cas Study: Miteq/Narda HQ



Multi-Use Infrastructure: Office, Labs, Clean Rooms, & Manufacturing

Commander Electric designed and outfit the electrical infrastructure for the Miteq (now L-3 Narda-MITEQ) headquarters located in Hauppauge on Long Island, New York. These four buildings combined comprise a total of 215,000 square feet and were designed to support general and multifunction office space, as well as the following state-of-the-art facilities:



General & Multifunction Office Infrastructure



Clean Rooms



Machine Shop

Clean Rooms:

- Five Class 100K clean rooms
- Two Class 10K clean rooms (operation to 1K) Manufacturing
- 160,000 square feet of manufacturing space

Environmental Labs:

- Temperature Cycle/Thermal Shock
- Mechanical Shock
- Mechanical Vibration
- Temperature/Humidity
- Fine and Gross Leak Testing
- PIND Testing

Chemical Facilities:

- Thin-Film Lab

Machine Shop: 15 CNC machines supporting

- Kovar
- Copper
- Tungsten
- Aluminum
- other metals

Test Equipment:

- Vector and Scalar Network Analyzers
- Spectrum Analyzers
- Phase Noise Test Sets