



Elite Electronic Engineering, Inc.

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EMI / EMC | ENVIRONMENTAL STRESS | PHOTOMETRIC | WIRELESS TESTING SERVICES

Founded in 1954, Elite Electronic Engineering, Inc. is a full-service electromagnetic compatibility/interference (EMC/EMI), environmental stress, and photometric testing laboratory. We are the premier test provider for the automotive, aerospace, space, military, heavy equipment, marine, electronics, and telecommunications industries.

Elite is recognized worldwide as a leader in product qualification and compliance testing services. Few laboratories offer our combination of expert engineers, state-of-the-art equipment, and cutting-edge test facilities all in one location. Contact Elite to find out how we can help get your product to market.

Core Competencies

EMC/EMI Testing Services

- Automotive EMC Recognized by OEMs: Ford, General Motors, Stellantis, Hyundai-Kia, Mazda, JLR, & HD
- Domestic and International Car, Truck, Construction, Ag, Marine, Recreational, and Military OEMs & Supplier's EMC and Electrical Standards
- Electric and Hybrid Vehicle OEMs
- Components and Whole Vehicle Level Testing
- Configurable 2-axle Dynamometer
- High Voltage (HV) Modules and Components Testing
- ISO 21498 and ISO 7637-4 HV Electrical Stress Tests
- MIL-STD-461 & DO-160 Compliance and Qualification Testing for Aerospace & Space OEMs & Suppliers
- Radiated/Conducted Immunity and Emissions
- FCC / CE Mark / Global Testing and Certification
- Lightning, High Intensity Radiated Field (HIRF), EMP
- Antenna Performance, Over-The-Air (OTA) Testing

Environmental Stress Testing Services

- Military, Aerospace, eVTOL, OEM and Supplier Standards, MIL-STD-810, MIL-STD-202, DO-160
- Automotive, Commercial, Agriculture, and Marine OEM and Supplier's Standards, ISO 16750, SAE J1455
- Dynamics: Vibration, Shock, Acceleration, SRS, Combined Temp/Humidity/Vibe, Field Data
- Climatic Testing: Temperature, Humidity, Altitude, Rapid Decompression, Explosive Atmosphere
- Exposure: Water, Dust, Corrosion, Fluids, Solar
- Electrical Connector, Cable, and System Testing
- HALT / HASS Testing
- Photometrics: Luminous Flux, Intensity, Color, NVIS
- Life Cycle and Automation / Durability Testing Services

Differentiators

- 70+ Years of Testing Experience
- All Testing in One Location on our campus
- 100 Technical and Support Staff
- Full Environmental Test Laboratory
- Full Photometric Test Laboratory
- ISO 17025 Accredited by A2LA and NVLAP
- ISO 17065 Accredited by A2LA
- FCC Telecommunications Certification Body
- FAA Third Party Certification Body
- CTIA Authorized Test Laboratory
- Defense Logistics Agency-DSCC Approved

Largest Independent Automotive EMC Test Lab:

- Most Recognized Test Setups and the Largest Scope of Recognized Testing of any Independent Lab
- Dozens of RF Chambers, Including several CISPR
- Whole Vehicle and Small Vehicle Chambers
- High Voltage 1500VDC 1000A System for EV Modules

State of the art Vibration Lab - All in One Location:

- Vibration Shakers up to a 8X8 ft table, 78K Force lbs., 4in Stroke, and 6600 lb. Total Payload
- Vibration Shakers with capabilities up to 220 G Sine and 180 Grms Random
- High SRS Capabilities
- Mechanical Shock up to 30,000G's
- Combined Environment (Temp/Humidity/Vibe)
- Custom Test Fixtures in On-Site Machine Shop

Trusted Results

- iNARTE Certified Engineers and Organization
- Recognized by U.S. and Global Automotive OEMs
- Test Reports Accepted Around the World
- Remote Test Witnessing

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Connect with the Elite Team:

www.elitetest.com/request-a-quote

www.elitetest.com/contact-us

