

EMC Test & Certification Services

EMTECH provides EMC testing and product certification services for a wide area of applications.

EMC Testing for Commercial Products & Space Sector

Using in-house capabilities and in collaboration with experienced EMC laboratories, EMTECH covers EMC testing requirements.

Product Certification Consulting Services

EMTECH helps you to define appropriate product compliance strategy for EMC (& electrical safety) by analysing the applicable regulations, depending on the product type, time to market and resources.

Using our extensive experience in certification procedures, EMTECH aims companies to early identify product compliance requirements and follow the appropriate conformity assessment procedures for their products.



LEVERAGE EMTECH CERTIFICATION

SERVICES TO DEVELOP A RELIABLE

ELECTRONIC PRODUCT

ON TIME AND WITHIN BUDGET.

Services

Product certification

- Early Identification of Regulatory Certification Objectives
- Incorporate Certification Requirements in Design Specifications
- Perform Design Reviews during the Product design cycle
- Technical Documentation Preparation

Testing

- Define & Implement appropriate EMC Test Plans for Space Industry and Commercial Products
- Perform Tests in suitable laboratories following Space & Commercial Products Standards
- Evaluate Test Results

Benefits

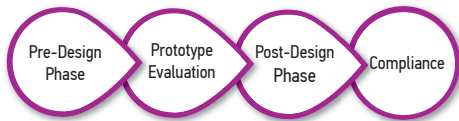
- Reduce Product Design Risks
- Achieve Product Development Time
- Avoid unexpected re-design cycles
- Keep costs within budget

Project budgets are often severely compromised by not taking into account the design aspects and the implementation of EMC engineering. EMTECH EMC team analyses all EMC and Electrical Safety issues in the development phase of any electronic product, in order to avoid extensive and expensive post-developments, work-arounds and repeats of tests.

Regulatory Consulting

Worldwide EMC & Electrical Safety Compliance Regulatory Requirements analysis and evaluation.

Design for EMC & Product Safety



Design Phase

- Analyze compliance regulations/standards
- Determine the EMC/Safety characteristics
- Determine conformity assessment strategy
- Compile test plans for preliminary conformity assessment

Prototype Evaluation Phase

- Arrange Laboratory product testing to European and International standards
- Evaluate Test results
- Provide practical solutions for EMC/Safety problems

Post-Design Phase

- Review & Improve product design
- Analyze & solve EMC/Electrical Safety problems (if applicable)
- Introduce re-design cycle if necessary

All Phases

- Product Compliance Design Reviews to identify possible non-compliances
- Update of Technical Documentation

Laboratory Design for EMC & Electrical Safety Testing

- Design the test facility
- Design and develop test methods, including measurement automation

Laboratory Testing

EMC & Electrical Safety testing in-house as well as in experienced Laboratories

EMC Testing	Emissions, Immunity, Space EMC
Safety Testing	Dielectric Strength, Insulation Resistance, Leakage Current
Product Categories	Measurement, Lab & Control, IT Equipment, Luminaires, Space Equipment
Test Standards	<p>EMC</p> <p>EN55032, EN55024, EN61326-1, IEC 61000-4 series, ETSI EN 301489 series, ECSS-E-ST-20-07C, ECSS-E-HB-20-07 (Space Equipment)</p> <p>Safety</p> <p>EN60950-1 & EN62368-1, EN 61010-1, EN 60598 series</p>

*Contents are subject to change without prior notice

EMTECH SPACE P.C. (CY) Ltd.
14 Inomenon Ethnon Str.,
6042, Larnaca, Cyprus
tel: +357 24 255501, fax: +357 24 255504

info@emtech.global - www.emtech.global

