

WHY CHOOSE TIMCO TO BE YOUR INDEPENDENT LABORATORY?



Three / Ten Meter Test Site



Three Meter Test Site

Our 3-meter and 3/10-meter open area test sites are registered with the FCC & Industry Canada in accordance with the requirements. With two test sites & 3 mtr Chamber and our great Florida weather, we can test year-round! We are also qualified to perform streamlined equipment authorization process (DoC) for receivers & digital devices.

Our experienced engineering staff offers low cost EMC solutions and can provide repair & retesting services too!

Timco's testing facility is accredited by the A2LA for testing both intentional and unintentional radiators.

With Timco, you'll receive prompt testing of your product, complete reports and follow-up services from report submission to final approval or Grant. Priority testing services are also available.

Timco's TCB & FCB & NB services offer a FAST turnaround time or priority 8 hours on its certifications. Timco can issue your approvals for USA, CANADA & EU scopes.



USA

849 N.W. STATE ROAD 45
P.O. Box 370
Newberry, FL 32669

Phone: (888) 472-2424 (Toll Free)
(352) 472-5500
Fax: (352) 472-2030
Email: info@timcoengr.com
Web: www.timcoengr.com

HONG KONG

TIMCO Engineering Inc.
Mr. Gilbert Lui
Block J, 5/F, Kaiser Estate
Phase 2, 51 Man Yu Street
Hung Hom, Kowloon, HK
Ph. (852) 2330-6604
Email: gilbert@timcoengr.com

KOREA

TIMCO-Thru Engineering Inc.
Mr. K.T. Kang

Ph. (82) 2-846-5002
Email: ktk@timcoengr.com

JAPAN

ITM Corp. .
Mr. Easy Sasaki

Ph. (81) 33485-3713
Email: itm@tke.att.ne.jp



Guide to Testing Services



**A WORLD COMPLIANCE TESTING &
CERTIFICATION LABORATORY
FOR OVER 30 YEARS**

Timco Engineering Inc. Testing Services

TEST CAPABILITIES

- **RADIATED**
 - 10kHz to 125GHz
 - Three Meter Test Site
 - Ten Meter Test Site
 - 3 Mtr Chamber
- **ANTENNA CONDUCTED**
 - 10kHz to 60GHz
- **POWER LINE CONDUCTED**
 - 150kHz to 230 MHz
 - 5uH LISN
 - 50uH LISN
- **RF POWER**
 - CW 1.0 microwatt to 1000 Watt
 - Peak CW 1.0 microwatt to 1000 Watt
 - 10kHz to 60GHz
- **MODULATION**
 - Frequency 1kHz to 100kHz
 - Amplitude / Frequency
 - Pulse
 - Spread Spectrum
 - SSB
 - Digital TDMA, CDMA, GSM, IDEN
- **RF SUSCEPTIBILITY**
 - ESD
 - Radiated
 - Electrical Fast Transient Burst
 - Surge
 - Conducted
 - Magnetic
 - Voltage dips and interruptions
- **ENVIRONMENTAL TESTING**
 - Temperature
 - Humidity
- **Harmonic Current Emissions (EN61000-3-2)**
- **Flicker and Voltage Fluctuation**



CERTIFICATIONS

- **EU**
 - We are a Conformity Assessment Body (CAB) for the EMC directive and the R&TTE Directive.
Notified Body # 1177
- **USA**
 - As a Telecommunications Certification Body (TCB) we can issue certification for the FCC.
- **CANADA**
 - FCB , as a Foreign Certification Body

ACCREDITATIONS

Our formal accreditations include A2LA (ISO17025), for over 130 standards and ANSI (ISO Guide 65) as a certifier for USA , INDUSTRY CANADA & the EU. Timco Engineering, Inc. is an approved EMC/EMI testing facility for the FCC, Industry Canada (IC), and EU.



TEST PROCEDURES

FCC TESTING :

- Declaration of Conformity
- Emission Testing
- Radiated to 220GHz
- Power line Conducted (9kHz-30MHz)
- Immunity Testing
- **Part 15:** Intentional Radiators
- **Part 15/RSS210:** Unintentional Radiators
- **Part 18:** ISM Equipment
- **Part 22:** Cellular & Non Cellular Telephone
- **Part 24:** PCS
- **Part 68:** Telephone Terminal Equipment
- **Part 74:** Broadcast Radio & Wireless Mic's
- **Part 80/RSS182:** Maritime Services & EPIRB's
- **Part 87:** Unicom & DME
- **Part 90/RSS119:** Business Band Radios, Remote Control Transmitters & Wireless Mic's
- **Part 95:** CB Radios, FRS, GMRS, & MURS
- **Part 97:** Amateur Radio Services
- **Part 101:** Microwave Services

INDUSTRY CANADA :

- **CS-03:** Telephone Terminal Equipment
- **ICES-0003:** Digital Apparatus
- **RSS-123:** Low Power Licensed Devices
- **RSS-131:** Radio Signal Enhancers
- **RSS-132:** **800MHz Cell Phones—New Technologies**
- **RSS-136:** Land and Mobile General Radio Service
- **RSS-215:** **Analog Scanner Receivers**
- **RSS-187:** EPIRB transmitters
- **RSS-210:** Low Power License-Exempt Devices
- **RSS-118:** Cellular Mobile Bands 824-849/869-894 MHz
- **RSS-128:** 800 MHz Dual-Mode TDMA Cellular Telephones
- **RSS-129:** 800 MHz Dual-Mode CDMA Cell phones
- **RSS-133:** 2 GHz Personal Communication Services
- **RSS-134:** 900 MHz Narrowband Personal Communications Services 2400-2483.5 MHz