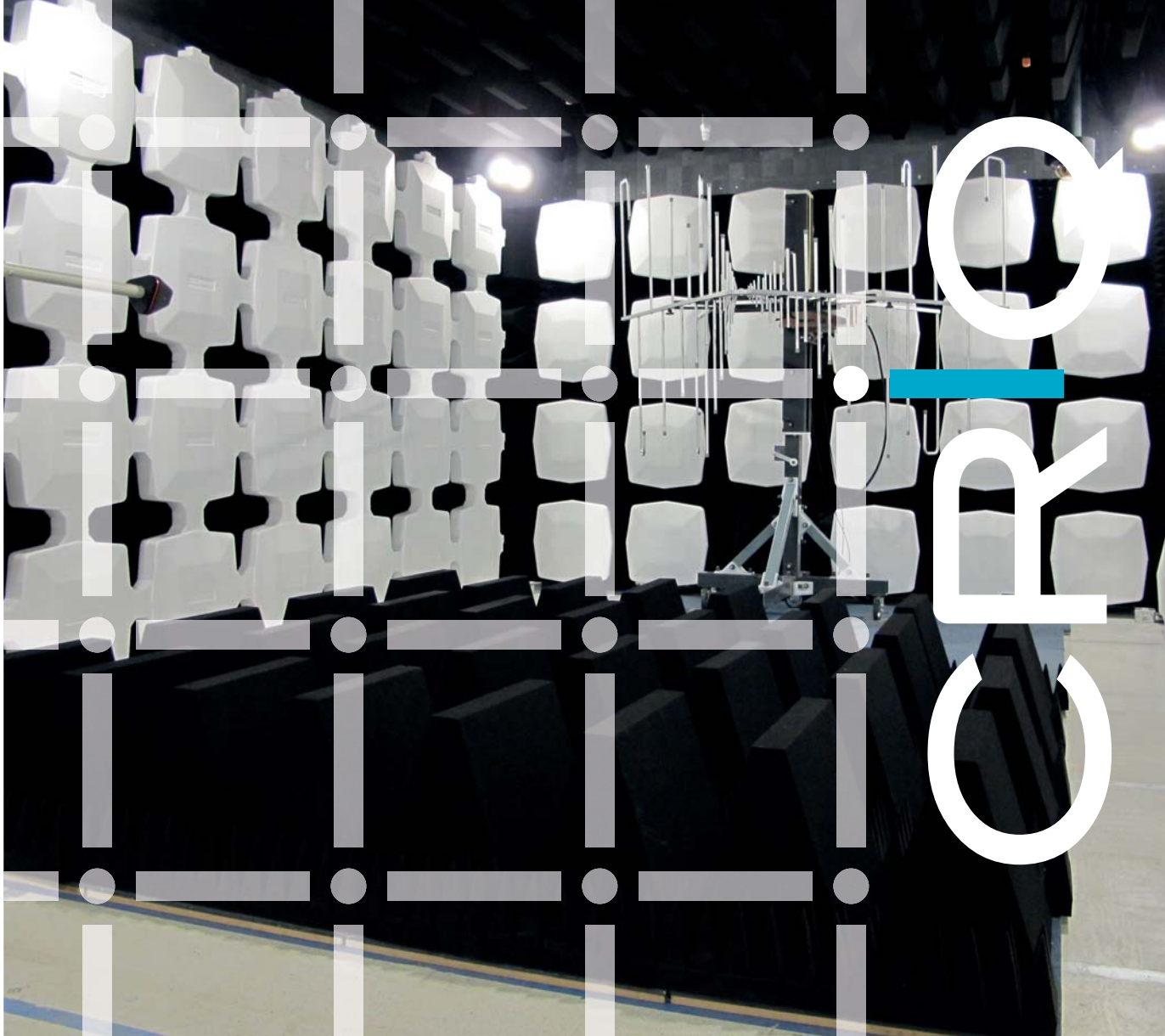


EMC Tests



Electromagnetic Compatibility tests

CRIQ offers you a state-of-the-art EMC laboratory along with the intelligence of qualified experts in order to detect the slightest anomaly in the electromagnetic and electrical operation of your products.

STANDARDS

In addition to flexible opening hours, quick response times and guaranteed report deliveries, CRIQ also offers consulting, technical assistance and reporting services with a view to securing product certification. It can even help you identify the standards that apply to your project:

- FCC
- EN
- CEI
- ANSI/IEEE
- CISPR
- Industry Canada
- SN-62.1008
- GR-1089



EMC Tests

Electromagnetic Compatibility

TESTING CAPACITY

- Semi-anechoic chamber (7 m x 5 m x 5 m)
- Compact anechoic chamber (8 m x 5 m x 3 m)
- Equipment used to measure:
 - Radiated emissions
 - Conducted emissions
 - Harmonics and flickers
- Equipment used to test immunity:
 - To radiated electromagnetic fields
 - Conducted disturbances
 - Fast transient bursts
 - Shockwaves
 - Short outages and voltage variations
 - Electrostatic discharge
 - Dampened oscillating waves (DOW)
 - Magnetic fields at network frequency
- Equipment used to test:
 - The dielectric withstand of devices
 - Shockwave withstand



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For advice or information on EMC tests:

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418-659-1550 / 800-667-2386, ext. 2248

The CRIQ testing laboratory is certified ISO 9001 and ISO 17025.

NEW IN 2015

Aeronautical Testing – DO-160 Standard

CRIQ now offers all waveforms for tests related to Section 22 of the DO-160 Standard.

Lighting Equipment Manufacturers – EN 62493 Standard

CRIQ has the only laboratory in Québec able to allow the assessment of lighting equipments with respect to human exposure to electromagnetic fields.



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