



**EMC  
TESTING  
SERVICES**

TOGETHER TOWARD EXCELLENCE IN EMC SOLUTIONS

*IMQ is the most important  
Italian Certification Body,  
European leader  
in conformity assessment  
(safety, quality, sustainability).*

**IMQ has one major  
goal: to enhance  
virtuous companies  
and quality  
manufacturing.**

*IMQ is Notified Body  
for the EMC Directive,  
Testing Laboratory &  
Certification Body Accredited  
ISO 17025, 17065,  
17021, 17024.*

*IMQ-**LACE**, a local Unit  
of IMQ, is an Accredited  
Laboratory specialised in  
EMC testing.*



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## **EMC TESTING SERVICES IN ANECHOIC CHAMBER, IN LABORATORY OR “IN SITU” AT CUSTOMER’S PLANT:**

- CE MARKING - “EMC” 2014/30/EU DIRECTIVE
- UNECE REGULATION 10.05 AND AUTOMOTIVE MANUFACTURERS’ STANDARDS

### **AUTOMOTIVE**

EN 55025, ISO 11452-2, ISO 11452-4, ISO 11452-5, ISO 11452-8,  
ISO 11452-9, ISO 7637-2, ISO 7637-3, ISO 16750, ISO 10605.  
Manufacturers’ standards: AUDI, BMW, FCA, Ford, GM, PSA,  
Renault, ...

#### **• EMISSION MEASUREMENT (FFT METHOD):**

- CONDUCTED AN (UP TO 200A), CURRENT AND CCC
- STRIPLINE
- RADIATED ELECTRIC
- RADIATED MAGNETIC
- CONDUCTED TRANSIENT

#### **• IMMUNITY TESTS:**

- PULSES ON POWER SUPPLY UP TO 200A AND SIGNAL LINES
- BULK CURRENT INJECTION (UP TO 300mA CLOSED LOOP)
- RADIATED ALSE

*(field level: over 200V /m 200 MHz to 1GHz; aver 500V /m 1 to 2GHz; over 200V /m 2GHz to 6GHz)*

- STRIPLINE
- PORTABLE TRANSMITTER
- MAGNETIC FIELD
- ESD IMMUNITY
- POWER SUPPLY VARIATION UP TO 200A
- EQ/IC 11 TEST PULSE
- FORD/PSA PULSES

### **RESIDENTIAL CONSUMER, INDUSTRIAL, RAILWAY, NAVAL**

EN 55032, EN 61000-6-1, EN 61000-6-2, EN 61000-6-3,  
EN 61000-6-4, EN 50121-x, EN 60945

#### **• EMISSION MEASUREMENT (FFT METHOD):**

- CONDUCTED (SINGLE PHASE, 3-PHASE UP TO 64A)
- RADIATED CISPR 16, CISPR 32 (FAR 3 m)
- HARMONIC CURRENT EMISSION
- VOLTAGE FLUCTUATIONS AND FLICKER

#### **• IMMUNITY TESTS:**

- CONDUCTED (SINGLE PHASE, 3-PHASE UP TO 32A)
- RADIATED 80 MHz - 6 GHz
- ESD IMMUNITY