



# ELECTRICAL EQUIPMENT TESTING & IEC 61010 COMPLIANCE

TESTING AND CERTIFICATION FOR MEASUREMENT, CONTROL,  
AND LABORATORY EQUIPMENT

Electrical equipment used in measurement, control, and laboratory applications must meet defined safety requirements before it can be used or sold. QAI provides testing and certification aligned with IEC 61010, supporting your team from initial design through final certification.

## EQUIPMENT WE TEST

- Test and measurement equipment
- Industrial process control equipment
- Laboratory and analytical equipment
- Related accessories and integrated test systems
- Equipment integrated into larger manufacturing systems

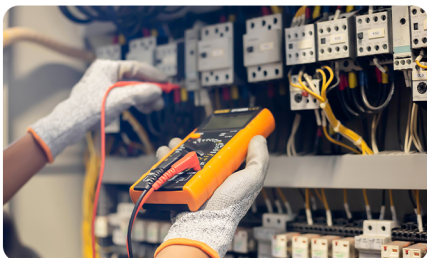
IEC 61010-1 defines the general safety requirements for this equipment, covering protection against electric shock, mechanical hazards, fire, and temperature risks.

## CERTIFICATION SUPPORT ACROSS MARKETS

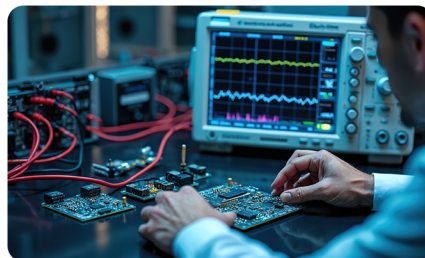
For products entering the United States, certification may require a Nationally Recognized Testing Laboratory program, including product evaluation and factory follow up. For Canadian market access, QAI supports certification activities recognized by the Standards Council of Canada (SCC).

For international markets, IEC 61010 testing supports certification programs such as CE marking or CB Scheme, depending on your target market.

Contact us at [info@qai.org](mailto:info@qai.org) for your IEC 61010 testing and certification needs.



Multimeter testing for  
reliable measurement equipment



Lab instruments verified  
for safe operation



Process control equipment  
tested under real conditions

## About QAI

Founded in 1995, QAI is a testing, inspection, and certification body (CB) that holds accreditations with IAS and the Standards Council of Canada (SCC), and is recognized by OSHA as a Nationally Recognized Testing Laboratory (NRTL). From initial planning through final approval, QAI provides a structured and efficient certification process.