



MACHINERY SAFETY TESTING, INSPECTION, AND CERTIFICATION

CONFORMITY ASSESSMENT SUPPORT FOR INDUSTRIAL MACHINERY AND EQUIPMENT

Machinery safety requirements vary by market, application, and equipment type. QAI supports testing, inspection, and conformity assessment for industrial machinery, helping confirm compliance with the standards and directives that apply to your project.

Testing and Conformity Assessment

For equipment entering European markets, QAI helps confirm which directives and standards apply, including the Machinery Directive (2006/42/EC), Low Voltage Directive, and EMC requirements. Services cover electrical safety evaluation (IEC 60204-1), functional safety review (ISO 13849), EMC assessment, and risk evaluation (ISO 12100). The outcome supports CE marking and technical file development.

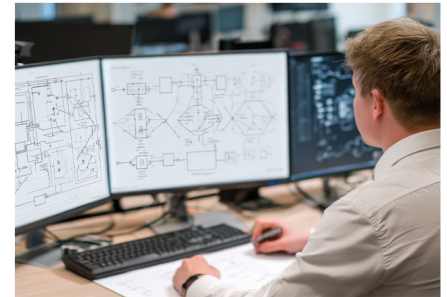
Field Inspection

For installed or modified equipment in the US and Canada, QAI provides field inspection to confirm machinery has been built and configured in alignment with applicable safety requirements. Common scopes include control panel evaluation, wiring integrity, protection devices, and documentation review. Inspection may occur during assembly, after installation, or on existing equipment in the field.

Benefit from QAI's expert knowledge, leading turnaround times, and customer centric focus. Please contact us via info@qai.org

About QAI

Founded in 1995, QAI is a testing, inspection, and certification body that supports manufacturers across a range of industries. QAI holds accreditations and recognitions from organizations such as International Accreditation Services (IAS), the Standards Council of Canada (SCC), and OSHA as a Nationally Recognized Testing Laboratory (NRTL), as applicable to specific services.



Conformity assessment and CE documentation support for EU



Control panel evaluation: wiring, labeling, and protection



Field inspection for Machinery