



eurofins

E&E

Machinery Safety

Inspection &
Certification Services

Machinery Safety

Any product placed onto the market or put into use must be safe to use. For products classed as Machinery, specific legislation is in force in the UK and EU to ensure the safety of anyone who will operate or come into contact with those products.

Equipment classified as 'Machinery' under The Machinery Directive 2006/42/EC and The Supply of Machinery (Safety) Regulations 2008 (as amended) is required to conform with the Essential Health & Safety Requirements of these Directives/Regulations, and this forms a fundamental element of allowing equipment to be legally placed on the market or put into services in the EU or UK.

Eurofins E&E UK provides a range of services to assist both manufacturers of machinery and those putting products into service to ensure that they can meet these legal requirements and deliver compliant and safe equipment.

Machinery Safety Services

Our services for machinery safety include, but are not limited to:

- Machinery assessment services under the Supply of Machinery (Safety) Regulations 2008 (SMSR 2008) and The Machinery Directive 2006/42/EC
- CE/UKCA marking conformity assessment support
- Gap analysis and CE/UKCA audit of machines and production lines
- Risk assessment reviews to EN ISO 12100
- Assessment & testing of electrical equipment to EN 60204-1
- Compliance verification against C-type standards assessment - for example:
 - EN 415 Series for packaging machines
 - EN ISO 10218 Series for industrial robots
 - EN ISO 20430 for injection moulding machines,
 - EN ISO 16092 Series for presses,
 - EN 280 for Mobile elevating work platforms

- Electrical verification testing of machinery according to EN 60204-1, including:
 - Continuity of the protective bonding
 - Fault loop impedance verification
 - Dielectric withstand test
 - Insulation resistance
 - Residual voltage
 - Leakage Current
- On-site machinery audit & testing services
 - Factory Acceptance Testing Pre-shipment safety validation & review
 - Bespoke inspection of machinery to manufacturer and/or client specifications
 - UK, EU & Worldwide
- Measurements of machinery noise according to 2006/42/EC & SMSR 2008
- Provision and Use of Work Equipment Regulations (PUWER) In-use machinery assessment
- Design risk & Technical file reviews


The above can be supplemented by additional testing, verification and assessment services, and extensive testing capabilities for compliance with Electrical Safety, EMC and Radio/Wireless requirements.

To discuss your machinery requirements or to learn more about these services, please contact us.

Contact us

Eurofins Electrical & Electronic UK Ltd

Unit 1 Arabesque House
 Monks Cross Drive
 York
 YO32 9GW
 United Kingdom

 +44 (0) 330 430 3456

 EEinfoUK@eurofins.com

 eurofins.co.uk/ee