

ELECTRICAL

工業機械設備全球認證

Intertek 的專業技術協助您的工具機與工業設備快速有效率取得全球認證，並克服市場挑戰，實現產品全球化的目標。



依據美國聯邦法規 29 CFR Section 1910 與美國職業安全健康管理署 (OSHA) 規定，所有工作場所的電氣設備在使用前，皆需通過美國國家認可實驗室 (NRTL) 的認證或全面的評估。

Intertek 實驗室獲得全球 30 多家驗證機構認可，包括美國職業安全署 (OSHA) 授權的國家認可實驗室 (NRTL)、加拿大標準委員會 (SCC)、國際電工委員會 (IECEE)、美國聯邦通信委員會 (FCC) 等。針對北美市場，Intertek 提供 ETL 和 NOM 標誌；歐洲提供 GS 標誌、S 標誌、CE 標章；中國則提供 CCC 標誌等。

Intertek 於全球 100 多國擁有 1,000 多家實驗室和辦事處，透過 Intertek 遍佈全球的服務網絡，能提供您快速專業的產品測試、檢驗與認證解決方案。

主要服務項目

- 危害鑑別與風險評估準則
- 工業設備安全 (設備結構、電氣安全)

- 性能驗證及標準測試
- 防爆設備認證及型式檢定
- 功能性安全評估及認證
- 安規人員培訓、國際標準教育訓練

相關標準及測試項目

歐洲市場 CE Marking

- 機械指令 Machinery Directive
- 低電壓指令 Low voltage Directive
- 電磁相容性指令 EMC Directive
- 歐盟能效指令 ErP Directive
- 有害物質限用指令 RoHS Directive
- 廢棄電子電機設備指令 WEEE Directive
- 歐盟 REACH 高度關注物質 SVHC
- 可靠度測試 Reliability Testing
- EN ISO 12100
- EN 60204-1
- ISO 13849-1

北美市場

ETL Mark / Field Labeling / LPC

- NFPA 79 美規現地設備評估與貼標
- UL 508A 電控箱認證
- SPE-1000 加拿大認證

危險區域防爆設備認證服務

- North American approvals
- ATEX Directive (Europe)
- IECEx Scheme (Global)
- Introductory & technical training (including CompEx)



Intertek

FOR MORE INFORMATION



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ELECTRICAL

GLOBAL CERTIFICATION & EVALUATION SERVICES FOR MACHINERY & INDUSTRIAL EQUIPMENT

Industrial equipment & machinery is subject to some of the world's most extensive conformity requirements. We help you overcome certification challenges and reach global markets.



Intertek is a comprehensive solutions provider, with more than 46,000 experts in over 1,000 labs & offices in 100+ locations around the world to serve you.

- Achieve Listing & Recognition to UL/ANSI, CSA and NFPA Standards
- Access global markets via EN, CE, IEC, IEEE and related services
- Remove barriers through field evaluation and labeling

Comprehensive Global Solutions

Equipment & Controls testing & compliance to industry standards and regulations:

Major Service Program

- Risk assessment
- Machinery safety (construction, electrical safety)
- Performance verification & benchmarking
- Ex equipment type approval and type examination

- Functional safety evaluation & assessment
- Standards-based & practical training course

Program include

European market – CE Marking

- Machinery Directive
- Low voltage Directive
- EMC Directive
- ErP Directive
- RoHS Directive
- WEEE Directive
- Registration, Evaluation, Authorization & Restriction of Chemicals (REACH)
- Reliability Testing
- EN ISO 12100
- EN 60204-1
- ISO 13849-1

North America market – ETL Mark / Field Labeling / LPC

- NFPA 79- Field Labeling service
- UL 508A- Safety for Industrial Control Panels
- SPE-1000- Special Inspections for Canada

Hazardous Areas Certification & Service

- North American approvals
- ATEX Directive (Europe)
- IECEx Scheme (Global)
- Introductory & technical training (including CompEx)



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