



工業機器CE驗證

CE Mark for Industrial Machinery

CE標誌，工業機器產品進入歐洲的通行證

The CE mark – the passport for industrial machinery into the European market

在過去，歐洲共同體各國對進口和銷售的產品要求各異，根據某一國標準製造的商品到別的國家極有可能無法上市，為了消除貿易壁壘，CE應運而生。

用CE縮略詞為符號，表示加貼CE標誌的產品符合所有歐洲指令規定的主要要求，並用以證實該產品已通過相關的合格評鑑程序和製造商的合格聲明，真正成為產品被允許進入歐盟市場銷售的通行證。有關指令要求加貼CE標誌的工業產品，如果沒有CE標誌，不得上市銷售；已加貼CE標誌進入市場的產品，若發現不符合安全要求，則會被責令從市場收回；持續違反指令有關CE標誌規定的，將被限制或禁止進入歐盟市場或被迫退出市場。

工業機器進入歐盟市場，必須取得CE標誌的使用資格，意即產品必須符合歐盟關於機械安全性（機械指令2006/42/EC）、電氣安全性（低電壓指令2006/95/EC）以及電磁相容性（電磁相容EMC指令2004/108/EC）的相關要求。

In the past, the countries of the European Community legislated different requirements for imported and exported products, so that products manufactured in one country could not be circulated freely in another country's market. The CE came into being as part of the endeavour to remove such trade barriers.

Products affixed with the CE mark meet the all requirements of the European Directive, and verify that the product has passed the relevant assessment procedures and the conformity statement of the manufacturer. Any products that are required by the relevant directive to affix the CE mark, but fail to do so, cannot be circulated in the EU. Moreover, any product that is affixed with the CE mark but is shown to be nonconforming to the relevant safety requirements will be revoked from the market. If a product continuously breaches the directive, it will be restricted or forbidden to enter the EU, or may even be forced to withdraw from the market.

To enter the EU market, it is a legal requirement for industrial machinery to carry the CE mark. Products must conform with the regulations on the safety of machinery (Machinery Directive 2006/42/EC), safety of electricity (Low Voltage Directive 2006/95/EC) and electromagnetic compatibility (EMC Directive 2004/108/EC).

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德國萊因TÜV，值得您信賴的合作夥伴

TÜV Rheinland is your reliable partner



作為歐盟正式授權的國際權威驗證機構，德國萊因TÜV工業機器部已形成了整體且全方位的服務體系。我們不僅在技術和法規上幫助企業把關，同時也致力於為企業提供技術人員的培訓，使企業從根本上掌握歐洲標準。在企業取得證書的同時也將更添自信。

As an international independent notified body, officially authorised by the EU, TÜV Rheinland's provides a solid, versatile, cordial and all-round service. We not only certify the products according to the regulations for Chinese enterprises, but also contribute to the training of technical personnel so that enterprises can understand the essentials of the European standards. In addition to obtaining your certificates, you will also obtain greater confidence.

我們的服務

製造商或者向歐盟出口產品的貿易方，負責取得CE標誌。他們可以自我聲明以宣告產品符合所有相關指令。CE標誌不強制必須由測試機構授予。儘管CE標誌是製造廠的責任，德國萊因TÜV仍然能給予製造廠很大程度的幫助。

- 我們可以進行客戶要求的所有安全和電磁相容方面的測試
- 我們可以頒發COC或EC型式認可證書。這對於需要進入歐洲市場的您來說是絕佳的銷售利器
- 我們可以協助您編寫技術文件
- 我們可以協助您準備風險評估

Our services

The CE mark is the responsibility of the manufacturer or the exporter to the EU, who must declare that the product complies with all relevant Directives. The CE mark is not awarded by a test organisation. Although the CE mark is the responsibility of the manufacturer or the exporter, TÜV Rheinland can be of great help.

- We can perform all of the required safety and EMC tests
- If required, we can issue a Certificate of Compliance with EC-regulations that will offer you a marketing advantage with your European clients
- We can assist you in compiling a Technical Construction File
- We can support you in the preparation of risk assessments



產品範圍

Product scope



- 工程機械
- 發電機組
- 半導體製程設備
- 橡塑膠機械
- 金屬加工機械
- 木工機械
- 印刷包裝機械
- 數控設備
- 紡織機械
- 食品加工機械等
- Engineering machines
- Generator sets
- Semiconductor manufacturing equipments
- Plastic machines
- Metalworking machines
- Woodworking machines
- Printing and packaging machines
- CNC machines
- Textile machines
- Food processing machines, etc.

CE標誌相關訊息

什麼是CE標誌？

「CE」標誌是一種安全驗證標誌，被視為製造商打開並進入歐洲市場的護照。凡是貼有「CE」標誌的產品就可在歐盟各成員國內銷售，無須符合每個成員國的要求，從而實現了商品在歐盟成員國範圍內的自由流通。

在歐盟市場「CE」標誌屬強制性驗證標誌，無論是歐盟內部企業生產的產品，還是其它國家生產的產品，要想在歐盟市場上自由流通，就必須加貼「CE」標誌，以表明產品符合歐盟《技術協調與標準化新方法》指令的基本要求。這是歐盟法律對產品提出的一種強制性要求。

CE 兩字，是從法語“Communate Europeene”縮寫而成，是歐洲共同體的意思。歐洲共同體後來演變成了歐洲聯盟（簡稱歐盟）。



有哪些法規？

歐盟已經頒發「指令」，這些指令在產品的要求上給出了明確的方向和指示。

對於多數的製造商來說，重要的歐盟指令包括：低電壓指令（2006/95/EC）、機械指令（2006/42/EC、以及電磁相容EMC指令（2004/108/EC）。除此以外，還有一些指令會對其它一些產品或者設備產生影響，比如噪音指令（2000/14/EC）、電梯指令（95/16/EC）等。

除了產品需要符合技術要求，製造商還要做些什麼？

製造商需要建立一份「技術檔案」（TCF）以及風險評估，其中包括所有相關產品信息。這將在歐盟權威機構審查產品訊息的時候備用。製造商還需要簽署一份符合性聲明（DOC）陳述他們產品的符合性事實。當貨物出口到歐洲的同時，這份聲明必須和符合性證書（COC）一起提供，否則海關無法讓貨物通行過關。最後製造商必須按照指示給產品貼上CE標誌。

Relevant information on the CE mark

What is the CE mark?

The CE mark is a safety mark that represents a passport for manufacturers to enter the European market. All products affixed with the CE mark can be circulated in EU member countries without having to meet the requirements of individual member countries, thus facilitating free trade throughout the EU.

Products manufactured within the EU or elsewhere must be affixed with the CE mark before they are circulated within the EU market, to indicate that the products conform with the essential requirements of the EU Directive in “The New Approach to Technical Harmonization and Standardization”. This is a compulsory EU legal requirement for all products.

CE is the abbreviation of the French “Communauté Européenne”, which means European Community, later changed to the European Union (EU for short).

What kind of Directives?

The EU has issued several Directives that provide general indications about the requirements for products.

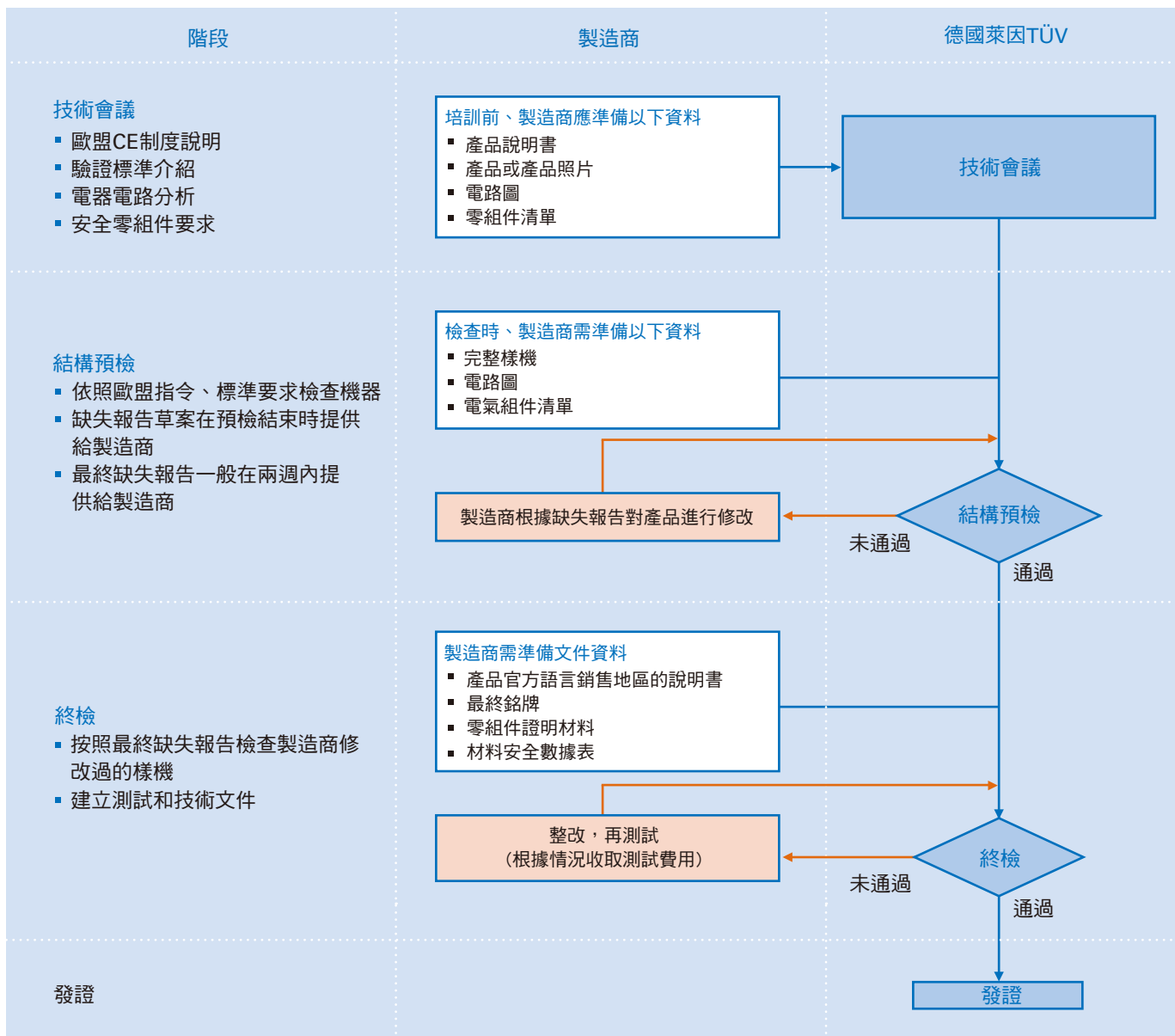
For TÜV Rheinland, the most important Directives are the Low voltage Directive (2006/95/EEC), the EMC Directive (2004/108/EEC) and the Machinery Directive (2006/42/EC). However, there are other directives that may affect other products or equipment, such as the Noise Directive (2000/14/EC), the Lift Directive (95/16/EC) etc.

Apart from the product itself, what else has to be done by the manufacturer?

The manufacturer has to set up a “Technical Construction File” (TCF) that contains all of the relevant information about the product, including a risk assessment. This might be needed if the EU authorities ask for information about the product. The manufacturer also has to issue and sign a “Declaration of Conformity” (DOC) that states the conformity of its products. This Declaration must accompany the goods when sent to Europe, otherwise Customs officials will not allow them to cross the border. Finally, the manufacturer has to attach the CE mark to the product as per the marketing guidelines.



工業機械CE驗證流程



TUVdotCOM，展示企業與產品的競爭優勢

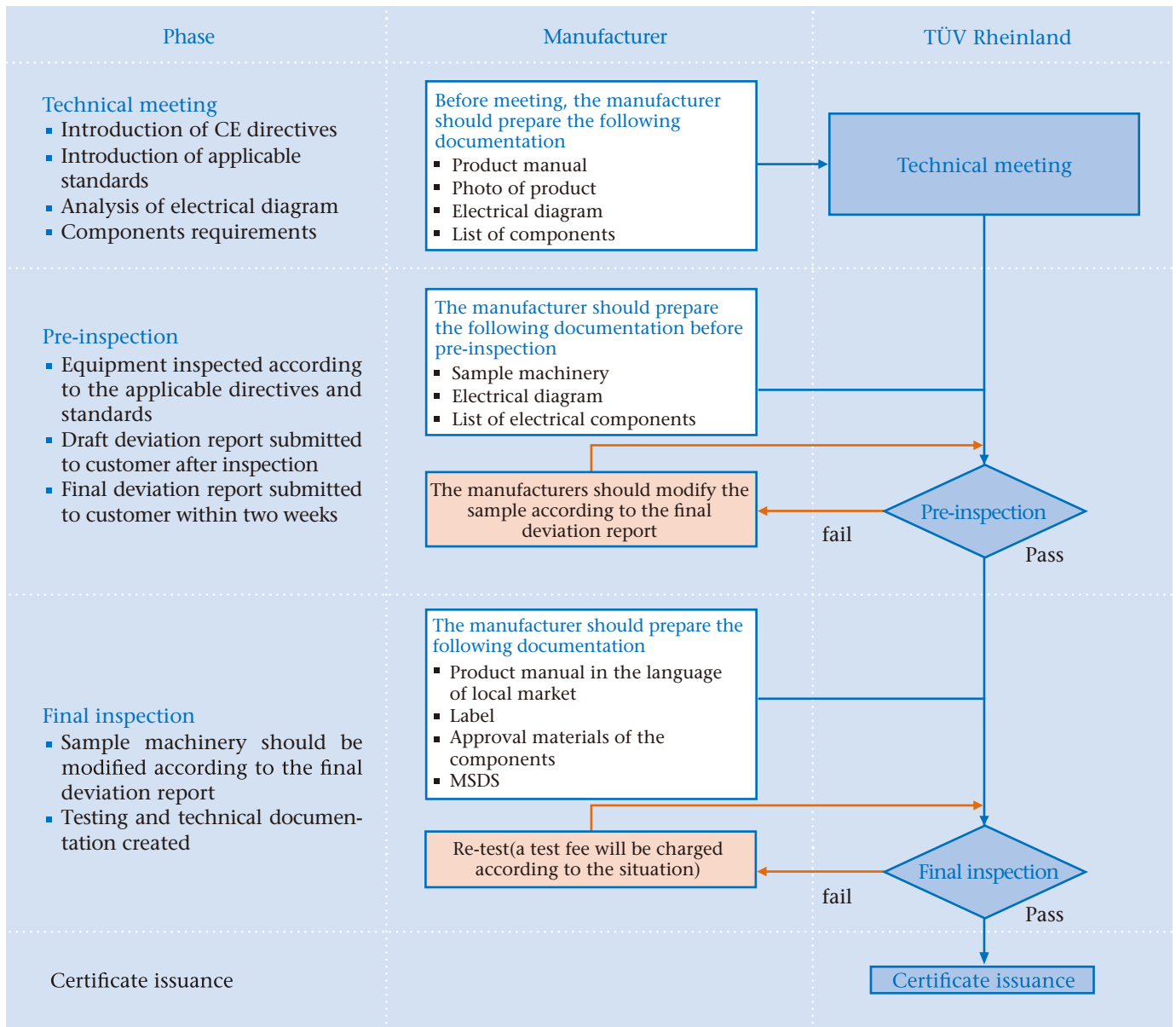
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CE mark certification procedure



關於德國萊因TÜV集團

About TÜV Rheinland Group

總部位於德國科隆的德國萊因TÜV集團擁有140多年的經驗。

德國萊因TÜV集團是國際上領先的技術服務供應商，它在全球61個國家設有500家分支機構，擁有約15,000名員工，服務涵蓋工業服務、交通服務、生命科學、培訓與諮詢服務以及系統驗證服務。

TÜV Rheinland Group has 140 years of experience and is headquartered in Cologne. TÜV Rheinland Group is a leading group for the provision of technical services worldwide. It has 500 locations in 61 countries with a workforce of around 15,000. The business scope covers Industrial Services, Mobility, Products, Life Care, Training and Consulting, Systems.



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