



## 厂房安全检测服务 Plant Safety Service



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## 一站式的全方位检测服务

### Full range of inspection services from a single source

厂房的建筑质量以及设施设备的安全状况在现代工业生产中对于工厂效率及员工人身安全会造成直接影响。无论起重设备、建筑房屋或工业生产线，许多技术系统都需在启动初期或运行过程中进行定期检验，以确保系统符合相关法规要求、没有缺陷，并可安全操作。德国莱茵TÜV为您提供验收测试及定期检验，同时为您的技术系统提供综合且详尽的信息。

1986年进入中国市场以来，我们的专家团队积累了丰富的国内工业企业服务经验，并结合对国际标准以及行业领先企业的深入了解，致力于将德国工业严谨、精确的技术优势应用于中国工业，提高产品、体系、流程以及人员的安全保障。

A plant's building quality and facility safety directly influence its efficiency and the occupational health of its staff. Whether for lifting equipment, buildings or industrial production lines, many technical systems require inspection prior to start-up and at regular intervals thereafter. These inspections give you the peace of mind that your system complies with statutory requirements, is free of defects and can be operated safely. TÜV Rheinland's experts carry out acceptance testing and periodic inspections, and provide you with comprehensive and detailed information about the quality and safety of your technical systems.

Since we first entered China in 1986, we have accumulated an abundance of service experience nationwide. With our profound understanding of international standards and leading corporations, we are committed to applying German precision to Chinese industries and to improving the quality and safety performance of products, systems, processes and people.

通过德国莱茵TÜV工厂安全方面专家的支持，您可以

- 在大中华区范围内获得在法规符合性要求方面的积极帮助
- 增强合规性并降低您作为运营方的风险
- 减少停工检修时间，保障系统高效运行
- 增强员工、当地居民和公众对于工厂安全性的信心

With the support of our plant safety management experts, you will

- Have a reliable contact throughout Greater China who actively helps you fulfil applicable statutory requirements
- Enhance your legal security and minimise your risk of liability
- Decrease downtime through faster and more efficient inspections
- Strengthen the belief of employees, local residents and the public in the safety of your plant

## 我们的服务

### Our services

参照国家、国际标准或客户指定的标准，评估厂房及设备设施如电气系统、电梯、起重设备、机械装置等的安全性、可靠性和法规符合性。我们帮助客户强化风险管控，保障生命及财产安全，维持良好的社会形象。

We evaluate the safety, reliability and regulation compliance of plants, equipment and facilities such as electrical systems, elevators, lifting devices, mechanical devices according to local, international and client-required standards. We help you control risk, ensure physical and financial safety, and maintain a better public image.

#### 建筑结构检查

- 在建建筑结构工程质量检测
- 既有建筑结构安全鉴定
- 既有建筑结构抗震鉴定
- 建筑大修前的可靠性鉴定
- 建筑改变用途、改造、加层或扩建前的鉴定
- 建筑结构达到设计使用年限要继续使用的鉴定
- 受到灾害、环境侵蚀等影响建筑的鉴定

#### Building structure inspection

- Building engineering quality inspection
- Building safety appraisal
- Building seismic appraisal
- Reliability appraisal before building overhaul
- Appraisal before application changes, rebuilding, flooring additions or building extensions
- Appraisal for buildings that require longer service
- Appraisal for buildings that encounter environmental disasters or corrosion

#### 设施及设备检查

- 厂房电气安全检查及评估
- 电梯，起重吊装设备及吊具定期安全检验
- 仓储货架系统定期安全检验
- 工业在用生产设备定期安全检验
- 设施及设备安全风险评估及故障分析

#### Facilities and equipment inspection

- Electrical safety evaluation of the plant and production line
- Periodic safety inspection for elevators, lifting equipment and devices
- Periodic safety inspection for high rack systems in warehouses
- Periodic safety inspection for in-service industrial production facilities
- Risk evaluation and failure analysis for equipment and facilities

## 产品范围

### Product scope

#### 电气及机械安全评估适用对象

- 既建厂房
- 生产线
- 办公区域

The electrical and mechanical safety evaluation applies to the following

- Existing plants
- Production lines
- Office areas

#### 建筑安全检测及鉴定包括

- 混凝土结构
- 砌体结构
- 钢结构
- 钢管混凝土结构
- 木结构

The building safety inspection and appraisal applies to the following

- Concrete structures
- Masonry structures
- Steel structures
- Concrete-filled steel tube structures
- Wood structures