

无损检测服务

为了证明材料、零部件和结构等达到规定的质量要求，同时也作为对其内、外部质量进行非破坏检查的一种主要手段，无损检测技术在工业工程中得到了广泛的应用，如：锅炉、压力容器、管道、工业结构等工业与民用装备。

- 检测服务
我们拥有符合各类资格规定（EN 473、ISO 9712、ASNT、GB/T 9445-2008等）的II/III级无损检测人员的专家团队，可以为您提供专业无损检测服务。目前主要采用的检测方法包括射线、超声波、磁粉和渗透。
- 无损检测人员资格培训考核
作为经认可的欧盟RTPO，我们可以按照EN 473、SNT-TC-1A以及PED指令的要求为无损检测人员提供各类无损检测方法的专业培训和资格考核和认可。

Non-destructive testing service

For verifying materials, components and structures to specified quality requirements, NDT technology is widely used for checking both interior and exterior quality. NDT is broadly applied in industrial engineering, for example in industrial and civil installations such as boilers, pressure vessels, pipelines and industrial structures.

- Inspection service
Our NDT inspectors possess level II/III qualifications for EN 473, ISO 9712, ASNT, GB/T 9445-2008 etc., allowing us to offer professional NDT services to our clients. NDT now mainly covers RT, UT, MT and PT.
- NDT training and qualification
As an accredited European RTPO, we can provide individual NDT training and qualification and approval of diverse NDT methods in accordance with EN473, SNT-TC-1A and PED 97/23/EC.



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承压设备及材料技术认证 Certification of Pressure Equipment and Material Technology



提速拓展海外市场

自从欧盟压力设备指令PED 97/23/EC于2002年5月强制要求以来，德国莱茵TÜV已为诸多制造商申请欧盟核准证书。适用压力指令的产业包括：锅炉或压力容器制造厂、钢铁、铸造、锻造厂、管路制造或安装厂、工业阀类、紧固件制造厂、焊材制造厂、焊接承包公司、无损检测公司、发电厂，化工厂等。此外，德国莱茵TÜV还可依据简单压力容器指令2009/105/EC（SPVD）及移动式压力设备指令2010/35/EC（TPED）的要求进行必要的认证，并提供相关测试与检验服务。

Facilitating the global market access

PED 97/23/EC has been mandatory for all pressure equipment used in the European Union since May 2002. Since then, TÜV Rheinland has helped firms to obtain the relevant certification to enter the European market. The directive applies to pressure-vessel and boiler manufacturers, steel mills, foundries, forges, piping and fitting manufacturers, industrial-valve manufacturers, fastener manufacturers, welding-consumable manufacturers, welding sub-contractor companies, NDT inspection companies, power plants, petrochemical plants, etc. Besides PED 97/23/EC, we are also qualified to certify simple pressure vessels according to SPVD 2009/105/EC, and transportable pressure equipment (TPED) according to Directive 2010/35/EC. Our engineers can issue test reports and the corresponding certificates as required.

德国莱茵TÜV，您值得信赖的合作伙伴

- 我们的全球性服务网络可为本地制造商进行ASME设计检查及咨询
- 我们的认证服务有助于您按照ASME标准设计的产品开拓欧美、亚洲及澳大利亚市场
- 我们拥有ISO 9000及安规（PED/SPVD/TPED/AD2000）两项体系的审核员，可为您提供整合性认证服务，有效降低制造商认证审核成本
- 我们的一站式认证流程可使制造商能证明其同时符合ASME安全要求及PED指令附件一的要求

TÜV Rheinland is your reliable partner

- Our worldwide network can help local manufacturers to handle ASME design checks
- Our certification services can assist manufacturers to export ASME-designed products to the USA, Europe, Asia and Australia
- Our team of experts covers both ISO 9000 and (PED/SPVD/TPED/AD2000), allowing us to offer an integrated service to help you reduce both time and costs
- Our one-stop approval process enables manufacturers to work according to a single guideline that includes the safety requirements of both the ASME Code and Annex I of the PED

我们的服务 Our services

国际认证 International approvals

欧盟 EU	德国 Germany	美洲 America	亚洲 Asia
<ul style="list-style-type: none"> CE认证——承压设备指令PED 97/23/EC CE approval according to Pressure Equipment Directive 97/23/EC 	<ul style="list-style-type: none"> 依据德国压力容器法规AD 2000-W0对材料制造商进行认证 AD 2000-W0 approval for material manufacturers according to the German Pressure Vessel Ordinance 	<ul style="list-style-type: none"> ASME锅炉及压力容器检查，ASME工厂认证与咨询 ASME inspection for boiler and pressure vessels Consulting service on ASME Certificates of Authorisation and Code Symbol Stamps 	<ul style="list-style-type: none"> 代表日本劳工部MHLW对出口到日本市场的压力设备进行认证 Certification of pressure equipment for the Japanese market on behalf of MHLW, Japan
<ul style="list-style-type: none"> CE认证——简单压力容器指令（简单压力容器指令）SPVD 2009/105/EC CE approval according to Simple Pressure Vessel Directive 2009/105/EC 	<ul style="list-style-type: none"> 依据德国压力容器法规AD 2000-HP0对压力设备制造商进行认证 AD 2000-HP0 approval for pressure-equipment manufacturers according to the German Pressure Vessel Ordinance 	<ul style="list-style-type: none"> API-607工业阀类之耐火测试及认证 API-607 fire-safety testing and certification of industrial valves 	<ul style="list-style-type: none"> 依据新加坡MOM对出口到新加坡市场的压力设备进行认证 Ministry of Manpower Singapore (MOM) approval for exporting pressure equipment to Singapore
<ul style="list-style-type: none"> π认证——移动式承压设备指令（移动式压力设备指令）2010/35/EC Pi-mark (π) approval according to Transportable Pressure Equipment Directive 2010/35/EC 	<ul style="list-style-type: none"> 依据德国TA-Luft法规针对工业阀类减低排气散发进行认证 TA-Luft approval for industrial valves to reduce fugitive emissions according to German regulations 	<ul style="list-style-type: none"> API Spec Q1系统认证 API Spec Q1 management system certification 	<ul style="list-style-type: none"> 新加坡建筑材料制造商质量系统FPC验证 FPC approval according to Singapore BC1:2008
<ul style="list-style-type: none"> CE认证——建筑产品指令CPD 89/106/EEC CE approval according to the European Construction Product Directive CPD 89/106/EEC 	<ul style="list-style-type: none"> 依据德国建筑法规针对建筑结构产品进行认证 Ü-Mark approval for construction products according to the German Construction Code 	<ul style="list-style-type: none"> API标识产品认证 API Monogram audits 	<ul style="list-style-type: none"> 依据马来西亚DOSH对出口到马来西亚市场的压力设备进行认证 DOSH Malaysia approval for exporting pressure equipment to Malaysia
	<ul style="list-style-type: none"> 家用瓦斯及供水工业产品认证 DVGW approval for household products for the gas and water industry 	<ul style="list-style-type: none"> 美国交通部（DOT）气瓶设备检验 US DOT Cylinder Inspection 	<ul style="list-style-type: none"> 印度IBR锅炉压力容器认证 India Boiler Regulation (IBR)
		<ul style="list-style-type: none"> 加拿大交通部（TC）气瓶设备检验 Transport Canada (TC) Cylinder Inspection 	

焊接及材料技术认证

- 基于德国国家法（Ü型标识）或CPD的产品测试
- 依据DIN EN ISO 3834对金属材料熔化焊的质量要求
- CPD CE/DB联邦铁路/Vd TÜV 1135焊接材料的认证
- 依据DIN EN 15085（取代DIN 6700），对轨道车辆和车辆部件焊接企业的认证
- 对钢/铝结构焊接企业的认证EN 1090-2/-3（DIN 18800-7/DIN V4113-3）

Welding and materials technology certification

- Product testing based on German national law (Ü-Mark) or CPD
- DIN EN ISO 3834 quality requirements for fusion welding of metallic materials
- CPD CE/DB (German Railway)/Vd TÜV 1135 approval of various welding consumables
- EN 15085 (replaced DIN 6700) approval for welding facilities in welding railway vehicles and railways vehicle parts
- Verification of qualification for welding steel/aluminium structures EN 1090-2/-3 (DIN 18800-7/DIN V4113-3)

