



## 我们的资质 Our accreditations

德国联邦铁路安全机构（EBA）的资格认可和授权

We are a manufacturer certification body approved by the EBA, the Germany National Safety Authority

## 我们的客户类别 Our client categories

- 轨道车辆制造商
- 轨道车辆部件制造商
- 轨道车辆生产商的合作伙伴
- Manufacturers of railway vehicles and components
- Manufacturers of railway vehicle parts
- Partner of renowned railway vehicle manufacturers

### 关于德国莱茵TÜV集团

### About TÜV Rheinland Group

总部位于德国科隆的德国莱茵TÜV集团拥有140多年的经验。德国莱茵TÜV集团是国际上领先的技术服务供应商，它在全球65个国家设有500家分支机构，拥有超过17,000名员工，服务涵盖工业服务、交通服务、产品服务、生命科学、培训与咨询服务以及体系认证服务。

TÜV Rheinland Group has more than 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 65 countries with a workforce of over 17,000. The business scope covers Industrial Services, Mobility, Products, Life Care, Training and Consulting, Systems.



## 铁路焊接认证服务 Welding Certification Services for the Railway Industry

 **TÜVRheinland®**  
Precisely Right.

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## 其他服务 Additional services

我们还可以为客户提供一站式整合认证服务。  
We can provide you with one-stop certification services.

- 欧盟铁路子系统及产品 CE 认证，例如基于 96/48/EC 和 2001/16/EC 指令进行欧盟 TSI 互通互用性技术规范 EU railway subsystem and products CE certification, such as EU Technical Specification of Interoperability (TSI) according to 96/48/EC and 2001/16/EC
- 根据 DIN, ISO, CEN, CENELEC, IEC, BS 等国际安全 and 质量标准进行产品符合性测试  
Conformity testing according to international safety and quality standards such as DIN, ISO, CEN, CENELEC, IEC, BS
- 可靠性、可用性、可维护性以及安全性 (RAMS) 评估  
Reliability, availability, maintainability and safety (RAMS) assessment
- 独立安全评估 (ISA)  
Independent safety assessment
- IRIS 国际铁路行业标准认证服务  
IRIS service
- 根据 DIN 5510 进行轨道车辆防火材料和部件测试  
DIN 5510-2: Fire behavior and side effects on materials and parts

## 德国莱茵 TÜV，您值得信赖的合作伙伴 TÜV Rheinland is your reliable partner

轨道应用—轨道车辆和车辆部件的焊接认证体系 (EN15085) 在轨道交通行业广泛流行。自 2008 年 4 月起在德国正式开始执行以来，已逐步取代原德国 DIN6700 系列标准，成为该领域的权威认证体系。随着我国轨道交通事业的迅速发展，不仅国内铁路市场日益发展成熟，而且国内轨道事业相关制造企业的产品出口量也与日俱增。通过 EN15085 标准体系认证成为我国轨道车辆和车辆部件企业出口至欧盟国家的必备条件，同时也是中国铁道部选择供货商的先决要素。

The EU standards relating to the Welding of Railway Vehicles and Components (EN15085) are widely applied in the railway industry. They officially entered into force in April 2008, from which date they replaced the original German DIN6700 standards in EU markets. The development of China's rail industry has not only witnessed the dramatic growth of the domestic market, but also a major rise in the export of products produced by domestic manufacturers. Compliance with the EN15085 standards is an essential requirement for domestic manufacturers that wish to access EU markets, and, at the same time, the Ministry of Railways has made it a prerequisite in choosing suppliers.

## 我们的服务 Our services



### 针对德国 DIN EN 15085 和 KOA 导则

According to DIN EN 15085 and the KOA guideline

- 对轨道车辆及其附件的焊接 CL1 至 CL4 级别的企业资格认证  
Certification level 1 to 4 for welding of railway vehicles and vehicle components
- 焊工资格证书 Welder qualification according to EN 287-1/ISO 9606-2
- 焊接操作工资格 Operator qualification according to EN 1418
- 焊接工艺评定 Welding procedure qualification according to ISO 15614 -1, -2
- 外观检测人员培训 Training for internal VT inspectors
- EN473 培训 Qualification and certification of NDT Personnel

此外，我们也为国内焊接生产制造企业提供一站式其他标准认证服务

In addition, we can also provide one stop service for domestic manufacturers with certification services according to other standards, including the following.

- 焊接生产制造企业质量体系认证 ISO3834-2,-3,-4
- 钢结构焊接企业最新认证标准 (EN1090-1) 生产企业认证 EN1090-1 for CE Marking
- 钢结构生产质量认证 DIN18800-7 (Now EN1090-2)
- 铝结构生产质量认证 DIN4113-3 (Now EN1090-3)

### 针对用于铁路、建筑产品和压力容器的焊接材料

Welding consumables for railway and construction products and pressure vessels

- 德国联邦铁路运营商 DB 要求对运用铁路工程领域的焊材进行 DB 认证  
The DB AG (the German railway operator) requests the approval of welding consumables prior to their application in railway construction projects
- CE 认证 (根据 CPD 建筑指令，U 标已于 2006 年 10 月 1 日由 CE 标识所取代)  
CE certification (The Ü-Mark has already been replaced by CE-marking according to the Construction Products Directive (CPD-CE))
- 要求对运用于压力容器领域的焊材进行 VdTÜV 认证  
The VdTÜV also requests the approval of welding consumables for application in pressure vessels