

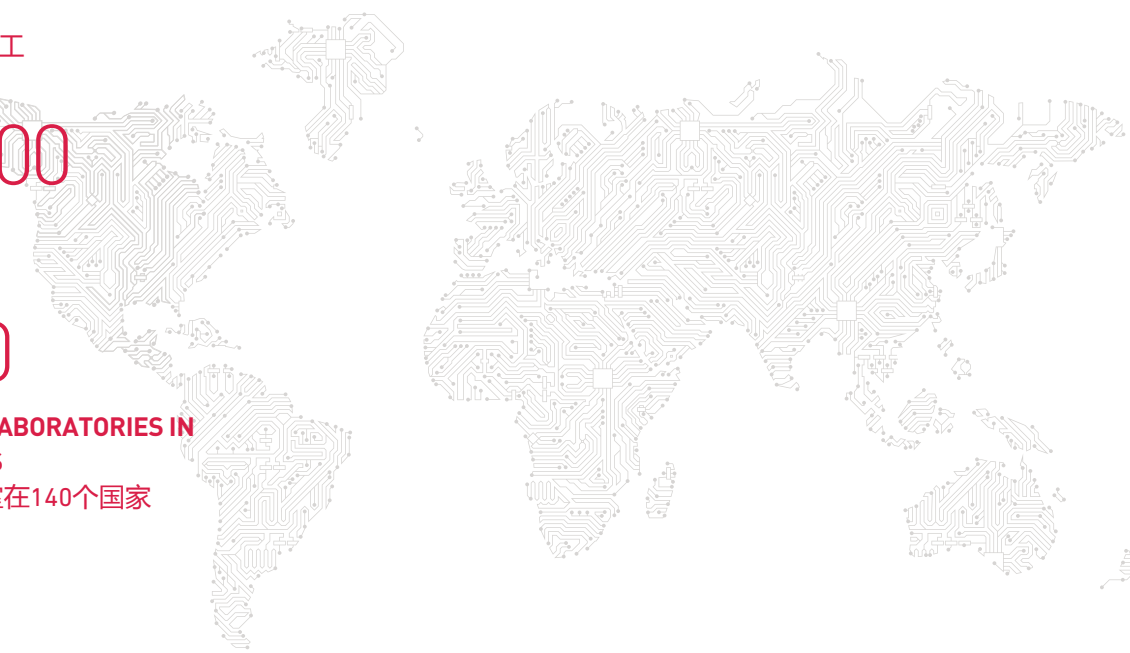
必维，你的全球合作伙伴

BUREAU VERITAS, YOUR PARTNER WORLDWIDE

66,500
EMPLOYEES 员工

400,000
CLIENTS 客户

1,400
OFFICES AND LABORATORIES IN
140 COUNTRIES
办公室和实验室在140个国家



Move Forward with Confidence

上海市黄浦区外马路1288号4楼 200011
No.1288, Wai Ma Road, Huangpu District, Shanghai 200011, P.R.C.,
+86 21 23160181 / 23190173
www.bureauveritas.com (全球) www.bureauveritas.cn (中国)
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Bureau Veritas



必维国际检验集团
BUREAU VERITAS
风力发电服务
WIND POWER SERVICES



Move Forward with Confidence



1 认证

CERTIFICATION

全球通用的认证证书
GLOBALLY RECOGNIZED CERTIFICATE

- 风机整机及零部件型式认证
Type Certification for WTG and Parts
- 风电场项目认证
Project Certification
- 风机整体设计审核
Overall Design Assessment of WTG
- 基础设计审核
Foundation Design Assessment
- 机械部件设计审核
Mechanical Parts Design Assessment
- 控制系统设计审核
Control System Design Assessment
- 电气设计审核
Electrical Design Assessment
- 第三方独立计算分析
Independent Third-Party Calculation and Analysis

2 安全风险评估

SAFETY & RISK ASSESSMENT

提供专业的风电HSE解决方案
PROFESSIONAL HSE SOLUTIONS

- 项目安全预评估
Pre-Assessment of Project Safety
- 现场HSE技术
On-Site HSE Support
- 项目整体风险评估
Overall Project Risk Assessment
- 火灾风险评估
Fire Risk Assessment
- 海缆风险评估 (海上风电项目)
Submarine Cable Risk Assessment (off-shore projects)
- 制造、运输、吊装、调试、运维方案评估
Plan Assessment of Manufacturing, Transportation, Installation, Commissioning, Operation and Maintenance
- 风电场异常情况分析及评估
Assessment of Abnormal Conditions

3 生产过程监造服务

MANUFACTURING PROCESS SUPERVISION

专业, 可靠
PROFESSIONAL & RELIABLE

- 开工条件审核
Starting Conditions Assessment
- 工厂质量体系及工艺文件审核
Quality System and Technical Documents Review
- 原材料检验及取样试验见证
Raw Material Inspection and Testing Witness
- 关键工序检验或试验见证 (无损探伤、电气测试等)
Critical Process Inspection or Testing Witness (NDT, electrical test, etc.)
- 发货前终检
Final Inspection
- 生产进度汇报
Production Process Report
- 竣工资料审核
As-built Documents Review
- 预防及改进措施建议
Prevention and Improvement Consultation

4 现场施工督导服务

CONSTRUCTION SUPERVISION

回归“监理”的真正价值
TRUE JIANLI

- 现场来料验收及质量文件审核
Acceptance Inspection and Quality Documents Review
- 土建施工过程技术支持及督导
Technical Support and Supervision for Civil Construction
- 升压站设备安装及调试过程技术支持及督导
Technical Support and Supervision for Installation and Commissioning of Booster Station
- 海上风电场基础施工、海缆铺设过程技术支持及督导
Technical Support and Supervision for Pile Foundation Construction and Submarine Cable Laying
- 风机吊装过程技术支持及督导
Technical Support and Supervision for Installation
- 风机调试、试运行过程技术支持及督导
Technical Support and Supervision for Commissioning & Test Running
- 现场HSE技术服务
On-Site HSE Service
- 监理服务
JIANLI Service

5 检测与试验

INSPECTION & TESTING

公平、公正、客观、专业
FAIR, IMPARTIAL, OBJECTIVE & PROFESSIONAL

- 风机出保验收
Due Diligence Inspection
- 风机叶片检验
Blades Inspection
- 风机传动链检验
Transmission Chain Inspection
- 风机主轴专利技术检验及分析 (ShafTest®)
ShafTest® Technology for In-service Main Shaft
- 风机基础检验与评估
Foundation Inspection and Assessment
- 失效分析及修复检验
Failure Analysis and Repair Process Supervision
- TOFD及相控阵检验
TOFD and Phased Array Inspection
- 海上项目相关检验 (防腐、海上钢结构等)
Off-shore Project Inspection (anti-corrosion, off-shore steel structure etc.)

6 咨询与培训

CONSULTATION & TRAINING

定制化服务
CUSTOMIZED SERVICE

- 风机选型、微观选址技术咨询
WTG Model Selection and Micrositing Technical Consultation
- 基础设计咨询
Foundation Design Consultation
- 供应商评审
Supplier Audit
- 招投标技术支持
Tendering & Bidding Support
- 制造、运输、吊装、调试、运维方案评估
Plan Assessment of Manufacturing, Transportation, Installation, Commissioning, Operation and Maintenance
- QHSE相关咨询
QHSE Related Consultation
- 风电产业链(生产、建设、运维环节)质量技术培训
Quality and Technical Training for Whole Industry Chain (production, construction, operation and maintenance)
- 项目管理咨询
PM Consultation

