

EV CHARGING STATIONS

SAFE, RELIABLE & VIABLE



**BUREAU
VERITAS**

SAFETY, QUALITY AND PERFORMANCE

THROUGHOUT THE LIFECYCLE

Bureau Veritas supports the accelerated deployment of electric vehicle charging station infrastructure with dedicated solutions for EVC operators, project developers, EPCs, OEMs and fleet operators.

Safety, quality and performance are paramount when developing and operating EV charging stations. Bureau Veritas is with you every step of

the way throughout the asset lifecycle to ensure assets run safely and efficiently.

Our experts act as your eyes and ears on the ground throughout site origination, program development & deployment, as well as operation & maintenance. Thanks to our services, you have the certainty that your EV charging infrastructure complies with the applicable regulations and industry standards.

SITE ASSESSMENT • PROGRAM MANAGEMENT • INSPECTION & TESTING



CERTIFICATION

Demonstrate compliance & secure viability

- Component certification
- Type certification
- System certification
- cyber security assessment & advisory



DESIGN & PERMITTING

Reduce development risk

- Feasibility studies
- Permitting support
- Grid connection support & grid code compliance
- Siting support
- Site assessment & validation
- Subsurface investigations
- Design guidelines & standards
- Design review
- Risk assessment
- Safety reviews



PROCUREMENT & CONSTRUCTION

Run projects safely to schedule

- Program & project management support
- Construction supervision
- On site QA/QC & HSE
- Material testing
- Commissioning supervision
- Performance testing
- As-built document review
- End of warranty inspections
- Supply chain technical assessment
- Technical procurement support
- Shop inspections (QA/QC) & Expediting



ASSET OPERATION

Ensure compliance & availability

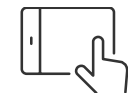
- Periodic mandatory inspections – electrical
- Periodic mandatory inspections – safety
- Grid code compliance
- Maintenance inspections (OEM requirements)
- Repairs & component replacement management
- Occupational health & safety – field operations
- Environmental monitoring
- Training



CONDITION MONITORING & ASSESSMENT

Understand the state of your asset

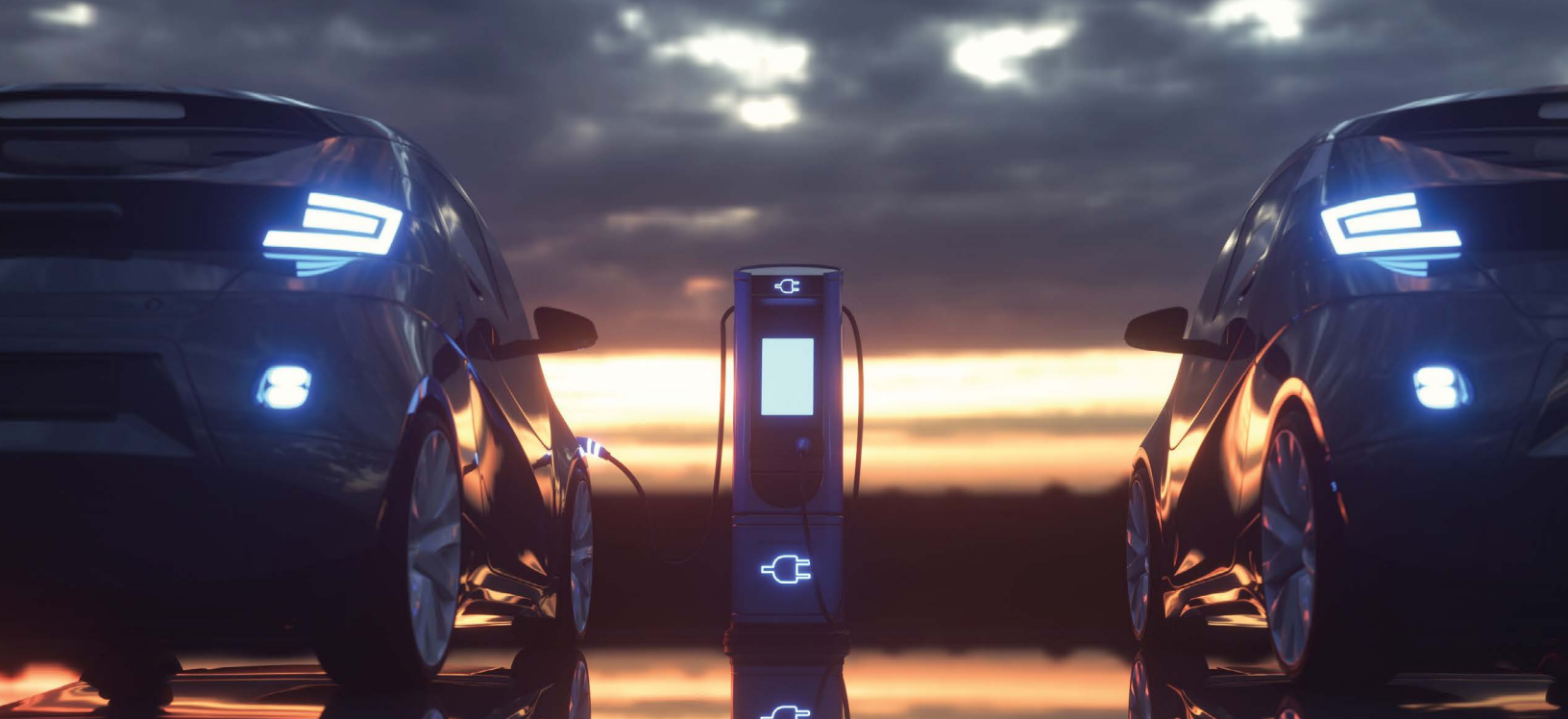
- Electrical load assessment
- Thermographic testing
- Cable diagnostics (incl. underground)
- Fault detection
- Automated defect recognition
- Failure & damage analysis
- Non-destructive testing (NDT)



ASSET MANAGEMENT

Increase reliability & performance

- Data management, visualization & analytics
- Inspection & maintenance management
- Preventive maintenance concepts
- Risk assessment
- Safety reviews
- Availability verification
- Performance testing & optimization
- Revenue protection & fraud prevention
- Cyber security assurance
- IT platform penetration testing



SITE ASSESSMENT & DUE DILIGENCE

SHAPING TRUST IN PROJECT DEVELOPMENT

Our site assessment service are ensuring that your new EVCS sites are constructible, while assessing in depth at information including easements, zoning and existing power sources. We confirm that all requirements are met from civil, over electrical to permitting and carry out a design review, to ensure that each site could be deployed at full success.

PROGRAM MANAGEMENT

GLOBAL EXPERTISE DELIVERED LOCALLY

Throughout the design and construction phase, we support you by coordinating with project stakeholders including designers, contractors, property owners and utilities. We well understand your project objectives, schedules and budgets and ensure that all are met successfully.

SHAPING A WORLD OF TRUST

Bureau Veritas is a Business to Business to Society company, contributing to transforming the world we live in. A world leader in testing, inspection and certification, we help clients across all industries address challenges in quality, health & safety, environmental protection and social responsibility.

POWER FOR TODAY AND TOMORROW

Your partner in the energy transition, Bureau Veritas helps society to meet today's energy needs and transition to a low-carbon future.



**BUREAU
VERITAS**

Shaping a World of Trust

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