

# CAPABILITY STATEMENT



### COMPANY OVERVIEW

EP Marine & Rail provides specialist structural assessment, reinforcement and life extension solutions for overhead line wood poles. Using our proprietary PASS (Pole Analysis and Structural Security) methodology, we accurately determine residual strength and structural integrity, enabling asset owners and contractors to make informed decisions on maintenance, reinforcement and replacement. Our evidence-based approach helps maximise asset life, improve network resilience and reduce unnecessary replacement costs.

### CORE SERVICES

- Residual strength assessment (RSV)
- Ground-line deterioration assessment
- PASS structural analysis
- Digital condition reporting
- Pole reinforcement solutions
- Rot treatment recommendations
- Remaining service life evaluation
- Asset management support

### SECTORS & EXPERIENCE

- Electricity Distribution Network Operators (DNOs)
- Utility infrastructure contractors
- Civil engineering contractors
- Rail and transport infrastructure
- Renewable energy infrastructure
- UK DNO experience supporting overhead line wood pole assessment and asset management

### KEY DIFFERENTIATORS

- PASS methodology delivering quantitative residual strength analysis
- Over 20 years' overhead line experience supporting UK DNOs
- Engineering-led decisions based on measured structural performance
- Life extension focus through reinforcement and targeted intervention
- Digital, auditable reporting for maintenance and compliance

### CLIENT OUTCOMES

- Extend timber pole service life
- Reduce unnecessary pole replacement through accurate residual strength assessment
- Improve network resilience
- Minimise CMLs and CIs by supporting work on live networks
- Lower maintenance and replacement costs
- Support evidence-based asset management

### APPLICATION AREAS

- Structural assessment of ageing wood poles
- Ground-line decay and deterioration investigation
- Residual strength and fitness-for-service verification
- Pole reinforcement and life extension strategies
- Evidence-based replacement planning
- Asset condition data for maintenance programmes