



AP DYNAMICS
engineering

ELECTRICAL ENGINEERING

Solving Tough Engineering Problems

AP DYNAMICS provides a complete range of **Electrical Engineering Services** for a large variety of equipment including new design, optimization, maintenance, troubleshooting, warranty evaluation.

Our highly skilled engineers are available on site or remotely to offer **high quality, cost-effective** and **client-oriented** project services using proven and **state-of-the-art Capabilities**.

TYPES OF ANALYSIS

- ✓ Factory Acceptance Tests (FAT)
- ✓ Preventive Maintenance (Plant Evaluations, Guidance)
- ✓ Electrical Equipment Evaluation
- ✓ Professional Inspector Services
- ✓ Design, Efficiency and Optimization (upgrade, performance and Government Rebates)
- ✓ Troubleshooting and Diagnostics (vibrations, performance)
- ✓ Warranty Support and Guidance
- ✓ Forensic Analysis
- ✓ Factory and Vendor Evaluation, Procurement Support
- ✓ Supplier Certification
- ✓ Warranty Evaluation
- ✓ Formal Specification Writing and Support

TYPICAL APPLICATIONS

- ✓ Motors (Synchronous/Induction/Wound Rotor/DC/Hybrid)
- ✓ Generators (Synchronous/Induction)
- ✓ Switchgear and Substations
- ✓ Power Transformers
- ✓ Variable Frequency Drive (VFD), ASD, Soft Starters
- ✓ Automation
- ✓ Starting System Evaluation and Recommendation
- ✓ Upgrading Existing Older Starting Systems and Diagnostics

ADDITIONAL EXPERTISE

- ✓ Project Management / Engineering (Technical / Commercial)
- ✓ Unique Combination of Electro-Mechanical Services
- ✓ Rotating Equipment Analysis Expertise both Mechanical and Electrical

