

# Site Test & Inspection

CCRs, CSSs, ALCMSs and ALFECs



To ensure maximum airfield safety and reliability, proper equipment maintenance is critical. To help operate at peak performance and within allowable specifications, **Empower's Test & Inspection Service** provides a comprehensive assessment of all installed airfield lighting power and control equipment.

With an extensive background in the fundamentals of power and control systems, Empower's team specializes in identifying and resolving potential issues before they have an opportunity to negatively impact airport operations and additionally reduce overall maintenance costs.

## Service Overview

Each Test & Inspection service is **tailored to the individual airport's equipment and needs** routinely covering many of the following tasks:

- Review of hardware components, airport personnel maintenance inspections and reports.
- Power Equipment (CCRs, CSSs and MGLs)
  - Thorough evaluation of connections, cabling and components. Verification of DCMU parameters and set-points.
- Airfield Lighting Control & Monitoring System (ALCMS)
  - Verify computers, monitors and associated peripherals. Create and maintain backup copies of critical application data.
- Airfield Lighting Field Electrical Centres (ALFEC)
  - Verify that all Heating/Ventilation, Emergency Power and Backup Systems function correctly and in accordance with specifications.
- Verify Communication Links between equipment (fiber, ethernet, radio, etc.) and ensure proper failsafe operations.
- Provide detailed Technician's Report with parts and procedure recommendations.



## Equipment Capabilities

In addition to their own line of power and control equipment, Empower has specialized knowledge and experience in troubleshooting and maintaining equipment from other legacy OEM's including:

- **Liberty Airport Systems Inc.** - Freedom and Spirit Series Constant Current Regulators, Circuit Selectors, Airfield Lighting Control and Monitoring Systems and Airfield Lighting Field Electrical Centres.
- **Westinghouse/Hughey & Phillips/Honeywell** - RSS, RSSL and Ascent Constant Current Regulators, MGLs and PLC Control Systems.

## Qualifications

With **decades of field experience** among them, the Empower team's ability to provide responsive, thorough and reliable service is unrivalled in the industry.

With **Licensed Industrial Electricians on staff** and having worked at hundreds of airports spanning the globe, our team has proven their ability to adapt to the unique challenges that each airport presents with outstanding results.

**Call us today** to discuss your service needs!