

CCR Maintenance and Reporting

Aeronautical Ground Lighting plays a crucial role in ensuring safety and efficiency during aircraft take-off, landing, and taxiing. As air traffic continues to increase, the importance of regular maintenance and inspection on Constant Current Regulators (CCRs) is essential to maintain the safe operation of the AGL system. CCRs ensure the electrical loads on the airfield are distributed consistently, providing a reliable power supply to critical airport navigational operating systems.

As an original equipment manufacturer with global experience, we provide comprehensive, efficient and reliable maintenance plans for holistic reporting to ensure you are fully informed on the status of your critical AGL assets.

We can also assess your inventory for correct alignment and number of spare parts with the benefit of our global footprint and knowledge base to draw from.

Our maintenance typically includes, but is not limited to:

- Electrical Input stability
- Output parameters and calibration
- AGL primary circuit testing
- Trend analysis
- Fault prediction
- Fault diagnosis and rectification
- Detailed reports

ADB SAFEGATE BENEFITS

Regulatory Compliance: We stay up to date on changes in regulations and standards, helping your airport maintain compliance with local and international authorities.

Expertise: Our skilled technicians are well-versed in industry best practices, ensuring that your airfield lighting systems function efficiently and safely.

Cost Savings: Outsourcing eliminates the need for in-house staff, training, and equipment, resulting in significant cost savings and improved resource allocation.

Risk Mitigation: Regular inspections minimize the risk of costly equipment failures and potential accidents caused by poorly maintained lighting fixtures and components.

Increased Uptime: Proactive maintenance reduces the likelihood of unexpected downtime, ensuring that your airfield remains operational and efficient.

SPARE PARTS MANAGEMENT

A comprehensive stock of Aeronautical Ground Lighting (AGL) spare parts is crucial for addressing any immediate needs or unexpected issues. Ensuring the availability of these spare parts helps maintain the efficiency and reliability of AGL systems. ADB Safegate have significant experience in managing spare parts to ensure maximum asset availability and minimal operational disruption.

Effective spare parts management ensures that the required components are always available when needed, minimizing downtime and enhancing system performance. Our spare parts management service includes any combination of:

- Inventory analysis and optimization
- Demand forecasting and planning
- Supply chain management
- Storage and distribution
- Obsolescence management



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Contact your local ADB SAFEGATE sales team to learn more about our vast array of abilities to ensure your airfield remains safe to operate and compliant to all applicable regulations.