

# AGL Safety Testing

Having reliably functioning AGL systems is crucial for airport safety, especially during low visibility conditions. The full operational condition of an AGL control and monitoring system (ALCMS) is often not understood to the full extent, as the continued operation of the AGL system is utilised by the operator (typically an ANSP) in serviceable conditions on a daily basis. Rarely are the failure and recovery states tested, identified or even known by the ANSP and airport operator.

It is crucial to test the failure and recovery states of, not just the ALCMS, but also the AGL hardware. Failures of AGL systems and hardware can often lead to incorrect display of the AGL system as a whole, which can give misleading information to users of the airport (aircrew, ground operations, engineers etc.).

## 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.

At ADB Safegate, we specialize in providing comprehensive Aviation Ground Lighting (AGL) safety testing services to help airports ensure the highest standards of safety and operational efficiency.

### Our services include, but are not limited to:

- ALCMS failure state verification testing
- Failure Recovery methodology
- Correction and Repair Services
- System failure emergency planning
- Periodic maintenance and testing
- Detailed technical report

**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.

**Global Knowledge Base:** With engineers based around the world, we have the benefit of having industry experts in AGL and Systems able to troubleshoot issues 24 hours per day.

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.