

Training Academy

AGL Fault-finding & repair
Training Course



TRAINAIR PLUS™
Bronze Member




**ADB
SAFEGATE**

The AGL fault-finding and repair training provides an in-depth overview of various ADB SAFEGATE AGL maintenance aspects, procedures, tools, equipment and practices. With an overriding focus on airside safety, the session explains the corrective maintenance procedures to perform on an ADB SAFEGATE AGL System, from the lights to circuit, including the CCRs and the control systems.

Training objective

At the end of the training, participant should be able to:

- Demonstrate a comprehensive understanding of various aspects of Airfield Ground Lighting (AGL) maintenance.
- Identify and implement appropriate corrective actions to maintain an ADB SAFEGATE AGL system, with a specific focus on series circuit fault-finding.
- Explain the differences between corrective and preventive maintenance systems and evaluate their impact on airport operations.
- Apply airside and electrical safety protocols effectively while performing manipulations and repair procedures.

What is covered?

- Definition of Maintenance (preventive and corrective)
 - AGL life-cycle analysis
- Maintenance structure
- Correct operation of an AGL system
- Preventive (conditional/scheduled) Maintenance procedures and replacement interventions:
 - ILCMS
 - ALCMS
- Curative Maintenance procedures and fault-finding:
 - Troubleshooting of a AGL series circuits
 - CCRs alarms and testing
 - Lights and series equipment intervention
 - Series circuit troubleshooting
 - Control Systems troubleshooting
- Tools and Equipment
 - AGL fitting tools
 - CCR tools
 - PAPI calibration tools
 - Safety precautions
 - Megger and high voltage testers
- Spare parts management
- Airside Safety, AGL and High Voltage Safety Procedures and Regulations

Practical arrangements

In order to prepare your training in best conditions, you are invited to register latest 3 weeks in advance via our sales network: [Country sales contacts are available here](#). Alternatively, please use the registration website <https://airfieldtrainingacademy.com/> or create a training request on the Jira portal: [Training Academy - Jira Service Management \(atlassian.net\)](#)

- **Training location** is to be agreed upon: this training can be delivered either on-site or at our regional offices.

In case the training is delivered at our Belgian factory, we have lined up a few practical details so you know what to expect from us:

- **Location address:**
ADB SAFEGATE BV,
Leuvensesteenweg 585, 1930 Zaventem, Belgium. Tel +32 2 722 17 11.
- **Training location** is to be agreed upon: this training can be delivered either on-site or at our regional offices.
- **Airport pick-up and drop-off** a taxi driver will wait for you at the airport and will bring you back to the airport when returning home
- **Hotel reservation via ADB SAFEGATE** We offer hotels at corporate rates, daily taxi shuttle included. If you make your own hotel reservation please make sure to also arrange your daily transport to and from ADB SAFEGATE.
- **Daily taxi shuttle** Only included in hotel reservations made via ADB SAFEGATE. If you make your own hotel reservation, please make sure to also arrange your daily transport to and from ADB SAFEGATE.
- **Lunch at noon** We serve a variety of warm and cold buffet and make sure to respect your halal, kosher, or vegetarian preference.
- **Drinks and coffee** are available continuously during the course.
- **Course handouts** all training slides will be printed and bundled to use during the course and take home with you.

Training Reservation and Cancellation conditions

- **Attendance confirmation** is required at latest 3 weeks before the start of the training.
- **Registration** of new attendants is accepted up to 2 weeks before the start of the training.
- **Cancellations need to be communicated** to ADB SAFEGATE in written at latest 3 weeks before the start of the training. For cancellations made later than 3 weeks before the start of the training, the full training fee will be charged.
- **ADB SAFEGATE reserves the right to** cancel or postpone trainings until three weeks before the start of the training.
- **Food and hotel requirements** need to be communicated to ADB SAFEGATE at latest 3 weeks before the start of the training.
- **Arrival date & arrival time** for the airport pick-up need to be communicated to ADB SAFEGATE at latest one week before the start of the training.

