

Training Academy

Airfield Essentials

Training course



TRAINAIR PLUS™
Bronze Member




**ADB
SAFEGATE**

The AGL Essential training provides an introduction to the requirements of airfield lighting and a general overview of AGL products/systems applications (i.e. characteristics, features and functionality). It introduces the international standards and explains the principles of maintenance and safety. Sessions are conducted by in-house experts with rich industry experience.

This training is compliant with the Initial theoretical training as described by EASA and ICAO standards, limited to AGL-related required competences of airfield technicians.

Training Objectives

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

- Provide an introduction to the requirements of airfield lighting
- Give a general overview of AGL products & systems (i.e. characteristics, features and functionality)
- Introduce the relevant international standards
- Explain the principles of AGL maintenance and safety

What is covered?

- The definition of visual landing aids
 - Difference between AGL and markers
- Applicable standards: ICAO, FAA, IEC
- Principles of AGL
 - AGL series circuits
 - Principle of Constant Current Regulators (CCRs)
- Airfield Operating Categories the 4 C's of AGL
 - Configuration
 - Color
 - Candela
 - Coverage
- Operational performance
 - Site survey and installation instructions
- Typical configurations and working principles
 - No CAT, CAT I, CAT II & CAT III
 - Power supply
 - Approach lighting
 - Runway lighting
 - PAPI
 - Taxiway lighting
- Products and Applications
- Introduction to safety requirements
 - Maintenance concepts
- Introduction to Service Manuals, Planned & Preventive Maintenance and Fault-Finding

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.

