



**Ministry of Civil Aviation
Egyptian Aviation Academy**

Maintenance of Airfield Ground Lighting (AGL)

DESCRIPTION :

Purpose of the course:

Maintenance of Airport Visual Aids and discovering it and fix faults

Course format :

- This course requires approximately 40 hours.
- This course is part of the diploma in Airfield lighting.

What you will learn :

Upon completing this course you will have the skills to:-

1. Find out the best ways for maintenance in accordance with international standards of ICAO FAA.
2. Training on the best ways to repair faults of Series circuit on the runway and taxiways.
3. How to put maintenance plan and maintenance schedules.
4. Fix the faults at least time which leading to saving spare parts.

Who should attend :

- Airfield Lighting Maintenance Director
- Airfield Lighting Maintenance Head of Departments
- Electrical Engineers
- Consulting offices (Project's directors and Electrical Engineers)
- Construction companys (Airports) – (Project's directors and Electrical Engineers) (Maintenance and Projects)

PREREQUISITES :

Participants should have prior knowledge of Airfield Ground Lighting (AGL).

COURSE CONTENT :

Introduction:

- Maintenance.
- Maintenance types.
- Preventive maintenance.
- Safety.
- Maintenance management.
- Test equipment.
- Troubleshooting procedures for series lighting circuits.
- Training on how to put protective and corrective maintenance plan.
- Training on how to discover faults in circuits and substations and how to fix it.

DURATION : 40 Hours

LEVEL : Electrical Engineers.

LANGUAGE INSTRUCTION : English /Arabic