



**Ministry of Civil Aviation  
Egyptian Aviation Academy**

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## **ICAO (Annex 14 Vol.1) and its manuals in Airfield Lighting and "SOC" a Statement Of Compliance**

### **DESCRIPTION :**

#### **Purpose of the course:**

How to use with ICAO (Annex Vol. ) and its manuals in Airfield Lighting and Floodlighting and how to make "SOC" a Statement Of Compliance and Training program on how to review Airfield lighting designs and specifications.

#### **Course format :**

- This course requires approximately 45 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. How to use Annex 14 Vol.1 and it's manuals.

2. How to make SOC from using Annex 14 and its manuals.
3. How to revise Airfield Lighting designs and specifications.

**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:**

- ICAO introduction.
- Training on how to use the Annex 14 Vol.1 and manuals and FAA.
- Training on how to integrate information between Annex 14 and its manuals and FAA.
- Training on how to use the SOC through using Annex 14 and its manuals and match it with what on the runways and taxiways and Floodlighting.
- Training on how to review the engineering designs and specifications and Airfield lighting calculations by using Annex 14 and its manuals and FAA and the data collected from various private entities runways.

**DURATION :     45   Hours**

**LEVEL : Electrical Engineers.**

**LANGUAGE INSTRUCTION** : English /Arabic