

AGL2 – Airfield Lighting & CCR Maintenance Training

TRAINING SUMMARY

AGL & CCR Maintenance
Maintenance Structures
Maintenance Planning
Maintenance Procedures
Document Management
Compliance Standards
Tools and Equipment
Photometric Testing
Spare Parts Management
Asset Management
Airside Electrical Safety
Situational Awareness

AGL SUBJECTS

Approach Lighting Systems
PAPI
Runway Lighting
Taxiway Lighting
Stopbars / Runway
Incursion Prevention
Signage & Markings
Use of Series Circuits
Condition Monitoring
AGL Jointing / Connectors
AGL Installation
Fault Finding
LED Luminaire Maintenance

CCR SUBJECTS

Thyristor Controlled CCR's
Sine Wave IGBT CCR's
New CCR Technology
Circuit Selectors
CCR Fault Finding
CCR Maintenance
CCR Sizing
CCR Tapping's
Safe Isolation Procedure
CCR Installation

AGL2 is 4-day intermediate level training course designed for airfield engineers, contractors and operational personnel involved in the installation and maintenance, both reactive and corrective, of Airfield Ground Lighting Systems, CCR's & AGL Primary Series

ABOUT AIRFIELD TRAINING COMPANY

Since 2016 ATC has been the leading independent airfield lighting training company. We deliver a range of recognised onsite and residential ICAO, FAA and EASA focused AGL Design, Maintenance, Safety & Compliance Inspection courses.

BEST AGL TRAINING COMPANY 2020 – AVIATION & AEROSPACE AWARDS



ABOUT THIS COURSE

This AGL2 Maintenance Training Course is designed to provide AGL Engineering and Management personnel with practical and classroom training to ensure airfield lighting systems are being safely maintained in compliance with the requirements of ICAO Annex 14 and EASA.

AGL2 teaches the delegates, best practice techniques for conducting compliant scheduled AGL system maintenance tasks for approach, threshold, runway, taxiway inset and elevated luminaires, PAPI Units, CCR's and primary series circuits.

Delegates learn to construct airfield maintenance schedules and how to correctly record the results of the activities, to help them develop and implement bespoke preventative maintenance programmes for individual airfields.

WHO SHOULD ATTEND?

- ✈ Airport Engineers involved in installation and maintenance of AGL & CCR systems.
- ✈ Civil & Military contractors engaged in the installation and maintenance of AGL & CCR systems.
- ✈ Civil & Military airside operations personnel, duty managers and ATM's.

CERTIFICATION

Having successfully passed the 2-hour exam on day 4, delegates will receive an Airfield Training Company 'ICAO Annex 14 & EASA Airfield Ground Lighting Maintenance & Compliance Course (AGL2)' Certification.



ATC REFERENCES

Hong Kong Airport
Kuwait Airport
Kenyan Airports Authority
London City Airport
Jacobs
Mauritius Airports Authority
RAF Akortiri
Lagan Airports
Manchester Airport Group
Thales
Jamaican Airports Authority
Riga Airport
Manila Airports Authority
BAE Systems
Evercon AGL Contractors
RAF Lakenheath
Dublin Airport
Rome (FCO) Airport
West Indies Islands Group
Bristol Airport
T. Clarke AGL Contractors
safegate (Helsinki)
Bournemouth Airport
G&A Barnine Contractors
HIAL (UK)
Interserve
Toma Construction

Residential Training

London
Manchester
Dublin
Hanoi
Bangkok
UAE / Dubai

AGL2 – ICAO Annex 14 / EASA - Maintenance Training Course Activities

1. Teach the required best practice ICAO Annex 14 and EASA AGL compliance techniques for the safe maintenance and data recording of CAT I, II, III AGL & CCR systems.
2. Train delegates how to establish correct and efficient AGL maintenance programmes.
3. Series circuit design, fault finding techniques and condition monitoring of series circuits
4. Correct safe isolation procedures when working on AGL primary circuits & ccr's.
5. To understand the principles of operation and how to carry out practical maintenance tasks on inset and elevated luminaires for:
 - Approach Lighting, Threshold Lighting, Runway Lighting, Taxiway Lighting.
 - To set up, calibrate and maintain PAPI units.
 - AGL Signage & Markings design and maintenance
 - Photometric Testing & Understanding the Results >> Fixing to compliance.
6. CCR types, operation, and main components. How to set up, carry out maintenance tasks, and fault finding on IGBT / Thyristor CCR's & Circuit Selectors.
7. How to complete the best Primary & Secondary AGL Cable connectors and joints.
8. The principals of AGLCMS, A-SMGCS, Individual Lamp Control & Monitoring Systems.
9. Airside Electrical Safety and situational awareness.
10. Situational Awareness when working on Airfields.



HOW TO BOOK

ONSITE & RESIDENTIAL TRAINING

Technical Support:
Peter.Glover@AirfieldTraining.com

HR & Admin:
Enquires@AirfieldTraining.com

Maintenance Support:
Tom.Devaney@AirfieldTraining.com

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