

## TRAINING SUMMARY

Introduction to AGL  
Series Circuit Design  
Series Circuit Safe Isolation  
Fault Finding  
CCR Safe Isolation  
AGL Isolating Transformers  
Airside Electrical Safety  
Maintenance Tools  
AGL UPS Power Systems  
Situational Awareness  
Photometric Testing

## AGL SUBJECTS

PAPI  
Runway Lighting  
Taxiway Lighting  
Signage & Markings  
AGL Jointing / Connectors  
Standby Generators  
Fault Finding  
LED Luminaire Maintenance

## CCR SUBJECTS

CCR Safe Isolation  
CCR Maintenance  
CCR Installation

# AGL1 – Airside Electrical Safety

AGL1 is 2-day introductory level airside electrical safety training course designed for new airfield engineers, contractors and operational personnel involved in the installation and maintenance of Airfield Ground Lighting Systems, CCR's & AGL Primary Series Circuits.

## 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

AGL1 includes classroom and practical sessions designed to teach delegates the main electrical safety procedures for engineers and maintenance teams working airside with Airfield Ground Lighting. The course provides delegates with the correct safe isolation protocols when working on primary series circuits, secondary circuits, safe isolation of CCR's and basic fault finding.

The course explains both the application of the 'Health and Safety at Work Act' and the 'Electricity at Work Act' as applied to Aviation Ground Lighting as well as other safety related issues in relation to working 'airside'. The course structure is primarily based on the guidelines of ICAO Annex 14, CAA CAP 168 and relevant material is taken from FAA Advisory Circulars and other international approved AGL authorities were necessary.

## WHO SHOULD ATTEND?

- ✈ New Airport Engineers involved in installation and maintenance of AGL & CCR systems.
- ✈ Civil & Military contractors engaged in the installation and maintenance of AGL & CCR systems.

## CERTIFICATION

Having successfully passed the 1-hour exam on day 2, delegates will receive an Airfield Training Company 'ICAO Annex 14 & EASA Airfield Ground Lighting Airside Electrical Safety (AGL1)' Certification.



**AIRFIELD**<sup>™</sup>  
TRAINING COMPANY  
Best AGL Training Specialists 2020

## 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  
safagate (Helsinki)  
Bournemouth Airport  
G&A Barnine Contractors  
HIAL (UK)  
Interserve  
Toma Construction

## Residential Training

London  
Manchester  
Dublin  
Hanoi  
Bangkok  
UAE / Dubai

## AGL1 – 2 Day – Airside Electrical Safety

1. Introduction Airfield Ground Lighting Systems
2. Safe isolation of CCR's.
3. Safe isolation when working on primary series circuits.
4. Basic fault-finding techniques of series circuits.
5. Safe isolation of secondary circuits.
6. Series isolating transformers.
7. Primary & Secondary AGL Cable connectors and joints.
8. AGL maintenance tools.
9. Airfield power systems, UPS & standby generators.
10. Situational Awareness when working on Airfields.

## AGL1 – Certification

Having successfully passed classroom tests during the 2 days of the Training Programme each delegate will receive an Airfield Training Company 'Airfield Ground Lighting (AGL1) Course Certification'. The overall performance and contributions of each delegate will be monitored by the Training Manager over the 2 days and contribute to a final individual certification score.



### HOW TO BOOK

#### ONSITE & RESIDENTIAL TRAINING

Technical Support:  
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