

# WSQ Perform Electrical Wiring Interconnection System (EWIS) Maintenance

## What is Aerospace WSQ

The Aerospace Workforce Skills Qualifications (WSQ) is a national skills training system developed by the Aerospace industry and the Singapore Workforce Development Agency (WDA).

It maps out the skills needed for a job in the Aerospace Maintenance, Repair & Overhaul (MRO) industry and the training you need to enter it. The system also shows how you can continue with skills upgrading to progress in your career in Aerospace.

## Course Synopsis

On completion of this Competency Unit (CU), learner will have the knowledge and skills in identifying and correcting of wiring system degradation, incorporating the concept of zonal inspection as well as adopting of proactive maintenance practices.

The scope of coverage of the subject matter will equip learners with technical competencies as referenced from EASA **AMC 20-22** (EWIS Minimum Initial Training Programme) of the following designated work group.

- ➔ Group 1: Qualified staff performing EWIS maintenance.
- ➔ Group 2: Qualified staff performing maintenance inspections on EWIS.

Summary of the Performance Statements (PS) covered:

- ➔ Identify criteria of inspection in accordance with standard practices
- ➔ Demonstrate the correct use of electrical instruments, tools and equipment
- ➔ Verify the serviceability of electrical wiring interconnection system
- ➔ Follow up to do corrective action on defective wires, wiring devices and terminations devices

This is the Elective Competency Unit (CU) that is required to attain the **WSQ Higher Certificate in Aerospace**, a national qualification awarded by WDA.

## Who Should Attend

This is for personnel who wish to bridge their skills gaps or to pursue employment opportunities in the Aerospace Maintenance, Repair & Overhaul (MRO) industry.

## Course Content

A	General Electrical Wiring Interconnection System Practices
B	Wiring Practices Documentation
C	Inspection
D	Housekeeping
E	Wire
F	Connective Devices
G	Connective Device Repair
-	Competency tests

## Course Duration

2 training days

## Certification

Participants who successfully complete this unit will receive a WSQ Statement of Attainment (SOA) in WSQ Perform Electrical Wiring Interconnection System (EWIS) Maintenance issued by WDA.

## Funding

90% of the Course Fees (*Eligibility criteria apply, please visit [www.wda.gov.sg](http://www.wda.gov.sg) or contact us*)

