



# WSQ Perform Electrical Terminations and Connections

## 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 application skills in making electrical terminations and connections of aircraft systems and electrical wiring using appropriate tools, equipment, materials and methods.

Summary of the Competency Elements covered:

- ➔ Splice and terminate wires with crimp-type terminal devices
- ➔ Remove and insert contacts of crimp-type connectors
- ➔ Apply appropriate soldering and de-soldering methods
- ➔ Perform wire wrapping connections
- ➔ Fabricate wire harnesses

This is the Sector Core Competency Unit (CU) that is required to attain the **WSQ Higher Certificate in Aerospace** (Aircraft Maintenance - Avionics) or (Component Repair and Overhaul - Avionics), a national qualification awarded by WDA.

## Course Content

1	Wires and terminating devices
2	Crimping terminal lugs and splices
3	Crimping contacts
4	Connectors
5	Soldering
6	Wire wrapping
7	Lacing and strapping
8	Wiring diagrams
9	Wire loom fabrication
10	Wire loom routing
11	Competency tests

## 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 Duration

6 training days

## Certification

Participants who successfully complete this unit will receive a WSQ Statement of Attainment (SOA) in WSQ Perform Electrical Terminations and Connections 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*)

