



WSQ Disassemble and Assemble Engine

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 disassembling and assembling engine.

Summary of the Competency Elements covered:

- ➔ Receive and despatch engine for repair or overhaul
- ➔ Removal and installation of engine components
- ➔ Disassemble engine into modules and parts
- ➔ Assemble modules and parts to engine

This is the Specialisation Elective Competency Unit (CU) that is required to attain the **WSQ Higher Certificate in Aerospace** (Engine/ Engine Component Repair and Overhaul), 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

1	Receiving in checks
2	QEC removal and inspection
3	Component removal
4	Component inspection and disposition
5	Module removal
6	Module inspection and disposition
7	Modular parts disassembly
8	Modular parts inspection
9	Modular parts pre assembly inspection and build
10	Module pre installation inspection and installation
11	Component pre assembly inspection and installation
12	QEC pre installation inspection and installation
13	Engine inspection
14	Engine dispatch
15	Competency Tests

Course Duration

8 training days

Certification

Participants who successfully complete this unit will receive a WSQ Statement of Attainment (SOA) in WSQ Disassemble and Assemble Engine issued by WDA.

Funding

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

