



WSQ Maintain Sheet Metal Structures

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 maintaining sheet metal structures using appropriate tools, equipment, materials and processes.

Summary of the Competency Elements covered:

- ➔ Repair minor sheet metal surface defects
- ➔ Perform simple surface corrosion treatment
- ➔ Fabricate sheet metal parts
- ➔ Install and remove fasteners

This is the Specialisation Elective Competency Unit (CU) that is required to attain the **WSQ Higher Certificate in Aerospace** (Aircraft Maintenance - Mechanical), (Component Repair and Overhaul - Mechanical) or (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 Duration

10 training days

Course Content

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| 1 | Drawing |
| 2 | Layout |
| 3 | Forming |
| 4 | Drilling |
| 5 | Riveting |
| 6 | Countersinking |
| 7 | Rivet removal |
| 8 | Special Fasteners |
| 9 | Inspection |
| 10 | Rework |
| 11 | Surface defects |
| 12 | Patch repair |
| 13 | Identification and causes of corrosion |
| 14 | Removal of corrosion |
| 15 | Corrosion evaluation |
| 16 | Peening |
| 17 | Treatment |
| 18 | Protection |
| 19 | Competency tests |

Certification

Participants who successfully complete this unit will receive a WSQ Statement of Attainment (SOA) in WSQ Maintain Sheet Metal Structures issued by WDA.

Funding

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

