

Specification of Competency Standards
for the Automotive Industry
Unit of Competency

Functional Area - Vehicle Servicing

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| Title | Use and maintain general painting equipment |
| Code | 108663L2 |
| Range | This unit of competency is applicable in vehicle painting workshops. Practitioners should be able to use and maintain general painting equipment for vehicles according to the instructions provided by equipment manufacturer. |
| Level | 2 |
| Credit | 3 (For Reference Only) |
| Competency | <p>Performance Requirements</p> <p>1. Knowledge (Use and operating principles of the equipment in vehicle painting workshops)</p> <ul style="list-style-type: none"> • Understand the use of equipment in vehicle painting workshops. • Understand the content of the user manual provided by vehicle painting workshop equipment manufacturer. • Understand the operating principle of the equipment in vehicle painting workshops. • Know the safety rules and personal protective equipment required for the use and maintenance of equipment in vehicle painting workshops. • Understand the ordinances and regulations in relation to the equipment in vehicle painting workshops. <p>2. Performance (Use and maintain general equipment in vehicle painting workshops)</p> <ul style="list-style-type: none"> • Use the equipment in vehicle painting workshops according to the equipment manufacturer's user manual. • Clean the respective tools/devices and dispose chemical waste, etc. upon completion of work. • Implement or arrange maintenance plan for the equipment in vehicle painting workshops according to the instructions in the equipment manufacturer's user manual, such as regular inspection of painting booth, replacement of filter element and calibration of electronic scale. • Conduct initial fault diagnosis for the equipment in vehicle painting workshops and issue suspension notice; and carry out or arrange for repair work. |
| Assessment Criteria | <p>The integrated outcome requirements of this unit of competency are that the practitioner being assessed shall prove that he/she is:</p> <ul style="list-style-type: none"> • Capable of selecting appropriate equipment in vehicle spraying workshops according to the required use; • Capable of carrying out or arranging maintenance work for the painting equipment according to the user manual provided by vehicle painting equipment manufacturer; and • Capable of conducting initial fault diagnosis for the painting equipment and arranging / carrying out repair work. |
| Remark | The credits value of this unit of competency is set on the presumption that the practitioner concerned has already possessed basic knowledge of vehicle painting and know-how to handle chemicals. |