

Specification of Competency Standards
for the Automotive Industry
Unit of Competency

Functional Area - Vehicle Servicing

Title	Evaluate the repair cost for accidental damages of vehicles
Code	108755L4
Range	This unit of competency is applicable to the assessors of damages for vehicle insurance. Practitioners should be able to evaluate the repair cost of damaged vehicles objectively by visual inspection of the damaged vehicles at different situations/locations with the aid of appropriate information.
Level	4
Credit	3 (For Reference Only)
Competency	<p>Performance Requirements</p> <p>1. Knowledge (Vehicle repairing)</p> <ul style="list-style-type: none"> • Understand the structure and functions of vehicle components and be familiar with the detailed functions, assembling methods, mechanical functions, etc. of various types of vehicle bodies, chassis and suspension systems. • Good understanding of the procedures, methods, work duration and materials required for rectification of vehicle body, vehicle parts and other structures. • Good understanding of the procedures, methods, work duration and materials required for surface treatment of vehicle body, polishing, painting. <p>2. Performance (Estimate the repair cost for accidental damages of vehicles)</p> <ul style="list-style-type: none"> • Conduct visual inspection on the damaged vehicle with reference to the time, place, people, vehicle involved in the incident and the environmental factors to accurately list out the damages on the vehicle body and other parts due to the incident as well as those damages which are not caused by the incident. • Estimate the budget for replacing, repairing or fine-tuning of damaged vehicle parts. • Be familiar with the source of supply, price, quantity of supply and related information of various kinds of spare parts; and make appropriate suggestions. • Assess the man-hours required for the working procedures stated on the repair list according to the instructions on servicing man-hours specified by the manufacturers or standard flat rate guide along with the exercise of objective and reasonable judgement. • Calculate the cost of each working procedure in terms of the labour cost of servicing work, the cost of spare parts and consumables; and thereby making a detailed repair list to come up with the total amount of the entire repair cost objectively. • Make use of computer quotation software, internet or electronic information database to retrieve relevant information whenever necessary so as to enhance the efficiency and accuracy in estimation of the repair cost.
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 listing out in detail accurately the damages done to the vehicle body and other parts of the damaged vehicle at the incident by visual inspection, and making reasonable recommendations on replacement and repair according to the depreciation of the vehicle and individual damaged items; • Capable of understanding the price and quantity of supply of various kinds of spare parts to make appropriate suggestions; • Capable of assessing the labour required for servicing according to the labour time manual published by the manufacturer or other acceptable standard flat rate guide; and summing up the cost of labour, parts and consumables etc. to make a detailed list of the service items and the total amount; and

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	<ul style="list-style-type: none">• Capable of making use of relevant computer quotation software when necessary to enhance the efficiency and accuracy of cost estimation
Remark	The credit value of this competency unit assumes that the practitioner has already possessed extensive knowledge of vehicle construction, the working principles of the various systems of the vehicle and the maintenance of the vehicle body.