Specification of Competency Standards
for the Automotive
Unit of Competency

Functional Area - Vehicle Servicing

Title	Estimate the repair cost for accidental damage of vehicles
Code	111764L4
Range	This unit of competency is applicable to the assessors of damage for vehicle insurance. Practitioners should be able to estimate the repair cost of damaged vehicles objectively by visual inspection at different situations/locations with the aid of appropriate information.
Level	4
Credit	3 *(For Reference Only)*
Competency	**Performance Requirements** 1. Knowledge (Vehicle repairing) • Good understanding of the structure and functions of vehicle components and familiarity with the detailed functions, assembling methods, mechanical and electrical functions, etc. of various types of vehicle bodies, powertrains and under-chassis systems. • Master the procedures, methods, work duration and materials required for rectification of vehicle body, structure and vehicle parts, and the surface treatment of vehicle body in polishing, painting and wrapping. 2. Performance (Estimate the repair cost for accidental damage of vehicles) • Conduct visual inspection on the damaged vehicle with reference to the factors of time, place, people, involving vehicle and environment to accurately list out the damage of the vehicle due to the incident as well as those damages which are not caused by the incident. • Be familiar with the source of supply, price, quantity of supply and related information of various kinds of spare parts to estimate the budget for replacement, repair and fine-tuning of the damaged vehicle 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 and the cost of spare parts and consumables, and thereby make a detailed repair list to come up with the total amount of the entire repair cost objectively, as well as the weighting of responsibility for the repair cost bearing between/amongst the parties concerned. • 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 the estimation of the repair cost.
Assessment Criteria	The integrated outcome requirements of this unit of competency are that the practitioner being assessed shall prove that he/she is: • Capable of listing out in detail accurately the damage of the vehicle body and other vehicle parts 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 estimating 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 estimate for repairing; and • 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 already possesses comprehensive knowledge of vehicle construction, working principles of all the vehicle systems and the maintenance of the vehicle body. (This UoC replaced 108755L4)