

Specification of Competency Standards
for the Automotive Industry
Unit of Competency

Functional Area - Vehicle Servicing

Title	Assemble lighting and indicating systems
Code	108763L2
Range	This unit of competency is applicable in vehicle body building workshops. Practitioners should be able to assemble the lighting, signalling as well as various meter and indicating systems in accordance with working instructions and the content in the lighting and indicating systems assembling manual. They should also be capable of conducting basic tests on components upon completion of work, and providing written report after the work
Level	2
Credit	3 (For Reference Only)
Competency	<p>Performance Requirements</p> <p>1. Knowledge (Structure and basic operating principles of lighting, signalling as well as various meter and indicating systems in vehicles)</p> <ul style="list-style-type: none"> • Understand the legal requirements for lighting, signalling and indicating systems in vehicles under respective local legislative provisions. • Understand the structure and basic operating principles of lighting, signalling as well as various meter and indicating systems in vehicles. • Understanding of the relevant legal requirements on road and vehicle safety and environment protection. <p>2. Performance (Carry out the assembling procedure for lighting, signalling as well as various meter and indicating systems in vehicles)</p> <ul style="list-style-type: none"> • Safely assemble the lighting, signalling as well as various meter and indicating systems according to the instructions in manufacturer's servicing manual and the requirements of occupational safety and health as well as that of environmental protection, including: <ul style="list-style-type: none"> ○ Capable of selecting appropriate personal protective ○ Capable of assembling the lighting, signalling as well as various meter and indicating systems correctly ○ Carry out the assembling procedure according to the respective rules of workshops ○ Connect relevant wires and plugs correctly • Conduct basic tests on components upon completion of work and provide written report.
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 suitable tools and materials correctly according to the content in the manufacturer's assembling manual; • Capable of assembling the lighting, signalling as well as various meter and indicating systems according to the content in the manufacturer's assembling manual; and • Capable of inspecting and testing the components upon completion of the assembling procedure and providing written report.
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 electronic and electric systems servicing.