

**Specification of Competency Standards**  
**for the Automotive Industry**  
**Unit of Competency**

Functional Area - Common Competency

Title	Fulfil the requirements on environmental protection (vehicle body servicing)
Code	108805L3
Range	This unit of competency is applicable to technical personnel in various kinds of vehicle body servicing workshops (including painting workshops) of the automotive industry. Practitioners should be able to understand environmental protection concept and comply with environmental protection requirements when working in a familiar servicing workshop.
Level	3
Credit	3 (For Reference Only)
Competency	<p>Performance Requirements</p> <p>1. Knowledge (Environmental protection concept)</p> <ul style="list-style-type: none"> <li>• Good understanding of the statutory requirements of environmental protection ordinances applicable to the department which one belongs to.</li> <li>• Good understanding of organisational instructions on the requirements of environmental protection.</li> </ul> <p>2. Performance (Comply with environmental protection requirements)</p> <ul style="list-style-type: none"> <li>• Comply with organisational instructions on environmental protection in a familiar vehicle body servicing workshop; and cautiously carry out the procedure that may cause pollution so as to protect environment, such as: <ul style="list-style-type: none"> <li>○ Prevent leakage of chemicals such as paint and organic solvent etc. into the land and prevent discharge of these pollutants into sewer, river, stream or sea. Relevant work should be carried out according to the Code of Practice for Chemical Waste Producers.</li> <li>○ Prevent disposing empty utensils containing organic substances (e.g. abandoned oil container, abandoned oil filter and washing cloth, etc.) together with general waste.</li> <li>○ Works that release smells or organic particles, such as vehicle painting, etc., should be carried out in workshops equipped with air treatment facilities.</li> <li>○ Works that produce smoke, powder and dust, such as vehicle body polishing, metal cutting and welding should be carried out in indoor workshops equipped with air treatment facilities. Workshop cleanliness should also be emphasised so as to prevent dust, smell, smoke, ozone, suspended particles and powder suspending in the air.</li> <li>○ Works that generate large amount of effluent such as car or engine washing should be carried out in workshops with Water Pollution Control Ordinance Licence; and should keep the utilisation of cleansers, chemicals and fresh water under control.</li> <li>○ Works that generate noise, such as the hitting and striking procedure and use of pneumatic tools, should be carried out in indoor workshops within specified timeframe to avoid causing noise nuisances.</li> </ul> </li> <li>• Works involving dangerous chemicals and pollutants should be carried out according to procedure.</li> <li>• Sort, recycle and handle the waste or recyclable parts according to established instructions prior to disposal.</li> <li>• Be familiar with the organisation's contingency measures on pollutant leakage; and capable of handling the situation safely and efficiently so as to minimize danger and pollution.</li> </ul>

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	<ul style="list-style-type: none"> <li>Confirm the compliance with the statutory requirements on handling chemical wastes and waste water discharge.</li> </ul>
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"> <li>Capable of fully understanding the environmental protection ordinances and organisational requirements on environmental protection; and carry out the work carefully to protect environment;</li> <li>Capable of carrying out the duties involving dangerous chemicals, pollutants, recoverable parts and wastes according to established procedure in a familiar vehicle body servicing workshop; and</li> <li>In case of pollutant leakage, capable of implementing the contingency measures safely and efficiently in handling and following up, so as to minimize danger and pollution.</li> </ul>
Remark	<p>The major relevant legislation/rule involved in this unit of competency is as follows:</p> <ul style="list-style-type: none"> <li>Waste Disposal (Chemical Waste) (General) Regulation</li> </ul>