

Specification of Competency Standards for the Automotive Industry
Unit of Competency

1. Title	Build the body frame
2. Code	AUSDBB202A
3. Range	This unit of competency is applicable in vehicle body building workshops. Practitioners should be capable to build the body frame in accordance with working instructions and working drawing as well as actual worksite condition.
4. Level	2
5. Credits	3(for reference only)
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Understand the structure of vehicle body</p> <ul style="list-style-type: none"> ◆ Understand different methods of connecting vehicle body components ◆ Understand the structure of original chassis and the body frame to be built ◆ Understand the procedure for processing original chassis and body frame building <p>6.2 Build the body frame</p> <ul style="list-style-type: none"> ◆ Safely build the body frame according to the content in the working drawing and the requirements of occupational safety and health as well as that of environmental protection, including: <ul style="list-style-type: none"> • Observe actual worksite condition to ensure that the building procedure is carried out in a proper working environment • Select and use appropriate personal protective equipment and the safety equipment for working at height

	<ul style="list-style-type: none"> • Select suitable tools and materials, including the use of fixtures, to perform vehicle body building duty • Align body frame according to specification ◆ Inspect and measure the work-piece upon completion of work to ensure that the requirements of manufacturing specification are met
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <ul style="list-style-type: none"> (i) Capable to select suitable tools and materials correctly according to the content in the working drawing; (ii) Capable to build the body frame according to working procedure and working instructions; and (iii) Capable to inspect and measure the work-piece upon completion of work.
8. Remarks	<p>The credits value of this unit of competency is set on the presumption that the people concerned already possess the knowledge of how to read working drawing, select tools and materials as well as welding techniques.</p>