



B O A R D O F S T U D I E S
NEW SOUTH WALES

2009 HSC Automotive Marking Guidelines

Section I

Question	Response
1	C
2	D
3	A
4	C
5	A
6	A
7	B
8	B
9	C
10	B
11	D
12	B
13	D
14	C
15	C
1	C

Section II

Question 16

Competencies assessed: AURC270103A

MARKING GUIDELINES

Criteria	Marks
<ul style="list-style-type: none">Names the three ways chemicals and hazardous products can enter your bodyExplains a variety of ways you can protect yourself	5–6
<ul style="list-style-type: none">Names two ways chemicals and hazardous products can enter your bodyLists a number of ways you can protect yourself	3–4
<ul style="list-style-type: none">Names one way chemicals and hazardous products can enter your bodyMentions a way of protecting yourself	1–2

Question 17 (a)

Competencies assessed: AURC270789A, Automotive systems and components

MARKING GUIDELINES

Criteria	Marks
<ul style="list-style-type: none">Demonstrates deep knowledge of replacement parts by correctly listing 4 IMPORTANT pieces of information	4
<ul style="list-style-type: none">Demonstrates thorough knowledge of replacement parts by correctly listing 3 IMPORTANT pieces of information	3
<ul style="list-style-type: none">Demonstrates some knowledge of replacement parts by correctly listing 2 IMPORTANT pieces of information OR lists 4 pieces which are not important	2
<ul style="list-style-type: none">Demonstrates basic knowledge of replacement parts by listing 1 IMPORTANT piece of information OR lists some information which is not important	1

Question 17 (b)*Competencies assessed:* AURC270789A**MARKING GUIDELINES**

Criteria	Marks
• Correctly gives two questions asked to plan the repair schedule	2
• Correctly gives one question asked to plan the repair schedule	1

Question 18 (a)*Competencies assessed:* Automotive systems and components**MARKING GUIDELINES**

Criteria	Marks
• Demonstrates comprehensive knowledge and understanding by correctly recognising and naming components using technical language providing the characteristics and features of each component's function	5
• Demonstrates a thorough knowledge of components by providing the majority of names and the characteristics and features of these components using technical language	4
• Demonstrates a sound knowledge of components by recognising and naming several components and/or providing descriptions using technical terms	3
• Demonstrates a limited knowledge of components by recognising and naming some components and/or some descriptions using accurate technical terms	2
• Demonstrates some knowledge of components by supplying some names and/or some descriptions using common or inappropriate names	1

Question 18 (b)*Competencies assessed:* AURC252103A**MARKING GUIDELINES**

Criteria	Marks
• Demonstrates comprehensive understanding of the charging system and its testing tools by recognising and naming correct faults and linking these to correct tests using appropriate technical language	3
• Demonstrates a sound knowledge of the charging system by recognising some faults and/or correct tests for faults in the charging system	2
• Demonstrates some understanding of the charging system by either correctly naming some faults and/or naming some tests that could be performed on the charging system	1

Question 19 (a)*Competencies assessed:* AURE218670A**MARKING GUIDELINES**

Criteria	Marks
• Correctly states reason	1

Question 19 (b)*Competencies assessed:* AURE218670A**MARKING GUIDELINES**

Criteria	Marks
• Correctly states meaning	1

Question 19 (c)*Competencies assessed:* AURE218708A**MARKING GUIDELINES**

Criteria	Marks
• Demonstrates comprehensive knowledge of electrical components by accurately naming each component and provides the characteristics and features of that component using correct technical language	3
• Demonstrates a sound knowledge of electrical components by naming some components and by providing the characteristics and features of their function using appropriate language	2
• Demonstrates some understanding of electrical components by naming some components OR by providing the characteristics and features of one OR naming some without any description of the component's function	1

Question 19 (d)*Competencies assessed:* AURE218670A, AURE218708A**MARKING GUIDELINES**

Criteria	Marks
• Correctly draws line to connect battery terminal to increase voltage	1

Question 19 (e)*Competencies assessed:* AURE218670A, AURE218708A**MARKING GUIDELINES**

Criteria	Marks
• Correctly draws line to connect battery terminal to maintain voltage	1

Question 20*Competencies assessed:* AURC270103A**MARKING GUIDELINES**

Criteria	Marks
<ul style="list-style-type: none">• Demonstrates a comprehensive understanding of the role of WorkCover NSW• Provides cohesive examples of WorkCover NSW's responsibilities relative to the industry• Develops a clear, well-reasoned response	5
<ul style="list-style-type: none">• Demonstrates a sound understanding of the role of WorkCover NSW• Provides clear examples of WorkCover NSW's responsibilities	3–4
<ul style="list-style-type: none">• Demonstrates basic understanding of the role of WorkCover NSW• Provides limited examples of WorkCover NSW's responsibilities	1–2

Question 21*Competencies assessed:* Automotive industry induction**MARKING GUIDELINES**

Criteria	Marks
<ul style="list-style-type: none">• Correctly gives the full name of ONE industry body relative to the automotive industry• Provides extensive knowledge and understanding of the primary role of the chosen example	3
<ul style="list-style-type: none">• Correctly gives the full name of ONE industry body• Provides understanding of the role of the chosen example	2
<ul style="list-style-type: none">• Correctly gives the full name of ONE industry body without displaying an understanding of the role• Develops a discussion of the role of industry bodies in general, without reference to a specific body	1

Section III

Question 22

Competencies assessed: Automotive industry induction

MARKING GUIDELINES

Criteria	Marks
<ul style="list-style-type: none">• Demonstrates a broad depth of knowledge and understanding of the various sectors of the automotive industry• Classifies and describes the primary role and an extensive number of services offered by each sector• Analyses the interrelationship between them	13–15
<ul style="list-style-type: none">• Demonstrates a clear knowledge and understanding of the various sectors of the automotive industry• Classifies and describes the role and a number of services offered by each sector• Mentions the interrelationship between them	10–12
<ul style="list-style-type: none">• Demonstrates a general knowledge and understanding of the various sectors of the automotive industry• Classifies and describes a role and a small number of services offered by each sector• Mentions the interrelationship between them	7–9
<ul style="list-style-type: none">• Demonstrates a limited knowledge and understanding of the sectors• Classifies and describes a number of services offered by each sector• Mentions limited interrelationships	4–6
<ul style="list-style-type: none">• Demonstrates a limited knowledge of the various sectors• Classifies and describes a service offered by each	1–3

Question 23
Competencies assessed: AURC272003A
MARKING GUIDELINES

Criteria	Marks
<ul style="list-style-type: none"> • Demonstrates an extensive knowledge and understanding of hazardous materials used in an automotive workshop • Explains at an in-depth level the strategies for hazard minimisation and provides examples • Communicates using precise industry terminology the roles and responsibilities of the various stakeholders in applying environmental regulations 	13–15
<ul style="list-style-type: none"> • Demonstrates a thorough knowledge and understanding of hazardous materials used in an automotive workshop • Outlines detailed maintenance strategies and/or examples of hazard minimisation • Communicates using industry terminology and the roles and responsibilities of the various stakeholders in applying environmental regulations 	10–12
<ul style="list-style-type: none"> • Demonstrates a sound knowledge and understanding of hazardous materials used in an automotive workshop • Outlines basic maintenance strategies and/or examples of hazard minimisation • Communicates in general terms the roles and responsibilities of the various stakeholders in applying environmental regulations 	7–9
<ul style="list-style-type: none"> • Demonstrates some knowledge and understanding of hazardous materials used in an automotive workshop • Explains some maintenance strategies and/or examples of hazard minimisation • Lists examples of hazards and shows an awareness of roles/responsibilities of stakeholders 	4–6
<ul style="list-style-type: none"> • Demonstrates a limited knowledge and understanding of hazardous materials used in an automotive workshop • Provides a limited maintenance strategy and/or limited examples of how hazards can be managed • Lists and uses industry-specific terms 	1–3

Question 24

Competencies assessed: AURC270789A

MARKING GUIDELINES

Criteria	Marks
<ul style="list-style-type: none"> • Demonstrates a broad depth of knowledge and understanding of the various types of communication relative to the industry • Provides an extensive evaluation of the relationship between effective communication and a successful workshop • Correctly uses precise industry terminology and examples within the context of the automotive industry in a well reasoned cohesive response 	13–15
<ul style="list-style-type: none"> • Demonstrates a clear knowledge and understanding of various types of communication relative to the industry • Provides a clear evaluation of the relationship between effective communication and a successful workshop • Uses appropriate industry terminology with some examples relative to the automotive industry 	10–12
<ul style="list-style-type: none"> • Demonstrates a general understanding of various types of communication • Provides a general discussion linking effective communication to a successful workshop • Uses appropriate industry terminology 	7–9
<ul style="list-style-type: none"> • Demonstrates an understanding of communication • Provides some links to the importance for effective communication • Uses basic industry terminology 	4–6
<ul style="list-style-type: none"> • Demonstrates a limited understanding of communication • Uses limited industry terminology 	1–3

Automotive

2009 HSC Examination Mapping Grid

Question	Marks	Unit of competency / Element of competency
Section I		
1	1	AURT270278A – Use and maintain workplace tools and equipment
2	1	AURE218708A – Carry out repairs to single electrical circuits
3	1	Automotive systems and components
4	1	Automotive systems and components
5	1	AURC272003A – Apply environmental regulations and best practice in a workplace or business
6	1	AURC270103A – Apply safe working practices AURT270278A – Use and maintain workplace tools and equipment
7	1	AURE218708A – Carry out repairs to single electrical circuits
8	1	AURC270103A – Apply safe working practices
9	1	AURC252103A – Apply basic automotive troubleshooting processes
10	1	AURE218670A – Service, maintain or replace batteries
11	1	AURC270103A – Apply safe working practices
12	1	AURC252103A – Apply basic automotive troubleshooting processes
13	1	AURC270789A – Communicate effectively in the workplace
14	1	AURC270789A – Communicate effectively in the workplace
15	1	AURC272003A – Apply environmental regulations and best practice in a workplace or business
Section II		
16	6	AURC270103A – Apply safe working practices
17(a)	4	AURC270789A – Communicate effectively in the workplace Automotive systems and components
17(b)	2	AURC270789A – Communicate effectively in the workplace
18(a)	5	Automotive systems and components
18(b)	3	AURC252103A – Apply basic auto troubleshooting processes
19(a)	1	AURE218670A – Service and maintain batteries
19(b)	1	AURE218670A – Service and maintain batteries
19(c)	3	AURE218708A – Carry out repairs to single electrical circuits
19(d)	1	AURE218670A – Service and maintain batteries AURE218708A – Carry out repairs to single electrical circuits
19(e)	1	AURE218670A – Service and maintain batteries AURE218708A – Carry out repairs to single electrical circuits
20	5	AURC270103A – Apply safe working practices
21	3	Automotive industry induction
Section III		
22	15	Automotive Industry Induction
23	15	AURC272003A – Apply environmental regulations and best practice in a workplace or business
24	15	AURC270789A – Communicate effectively in the workplace