



BOARD OF STUDIES
NEW SOUTH WALES

2011 HSC Construction Marking Guidelines

Section I

Multiple-choice Answer Key

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

Section II

Question 16 (a)

Criteria	Marks
<ul style="list-style-type: none">Provides an understanding of the importance of clear and concise communication	1

Question 16 (b)

Criteria	Marks
<ul style="list-style-type: none">Demonstrates a clear understanding of the use of written communicationProvides an appropriate written communication method	3
<ul style="list-style-type: none">Provides a basic understanding of using written communicationProvides an appropriate written communication method	2
<ul style="list-style-type: none">Identifies an appropriate written communication method ORIndicates a use of written communication	1

Question 16 (c)

Criteria	Marks
<ul style="list-style-type: none">Demonstrates a broad understanding of how workers communicate effectivelyProvides appropriate examples which are relevant to workers	4-5
<ul style="list-style-type: none">Demonstrates a general understanding of effective communicationProvides some reference to workers	2-3
<ul style="list-style-type: none">Demonstrates a limited understanding of communication	1

Question 17 (a)

Criteria	Marks
<ul style="list-style-type: none">Demonstrates a sound knowledge of adjusting a circular sawProvides TWO soleplate adjustments	2
<ul style="list-style-type: none">Provides a limited understanding of adjusting a circular saw	1

Question 17 (b)

Criteria	Marks
<ul style="list-style-type: none">Demonstrates a sound understanding of portable circular saw blades	2
<ul style="list-style-type: none">Provides a limited understanding of portable circular saw blades	1

Question 17 (c)

Criteria	Marks
• Demonstrates a broad understanding and knowledge of maintaining a portable circular saw	4
• Demonstrates a general understanding of portable circular saw maintenance	2–3
• Provides limited knowledge of routine maintenance	1

Question 18 (a)

Criteria	Marks
• Demonstrates a clear understanding of calculation of area	3
• Demonstrates a limited understanding of calculation	1–2

Question 18 (b)

Criteria	Marks
• Demonstrates a clear understanding of interpreting floor plans • Demonstrates a sound understanding of calculation of area, cost	4–5
• Demonstrates a general understanding of interpreting floor plans • Demonstrates an understanding of the relationship between area and cost when calculating	2–3
• Demonstrates a limited understanding of interpreting floor plans • Applies limited knowledge of calculation	1

Question 19 (a)

Criteria	Marks
• Provides a clear understanding of the hierarchy of hazard control	2
• Provides a basic knowledge of hazard control	1

Question 19 (b)

Criteria	Marks
• Demonstrates a sound understanding of evaluating work performance and the relationship with employees	3
• Demonstrates a general understanding of the work performance of employees	2
• Provides a basic understanding of work performance	1

Question 19 (c)

Criteria	Marks
<ul style="list-style-type: none">• Demonstrates an in-depth knowledge of conflict or misunderstanding in the construction industry.• Identifies appropriate examples that closely link to conflict or misunderstanding	4–5
<ul style="list-style-type: none">• Demonstrates a sound understanding of conflict or misunderstanding in the construction industry• Provides appropriate examples that lead to conflict or misunderstanding	2–3
<ul style="list-style-type: none">• Demonstrates a limited understanding of conflict or misunderstanding in the construction industry AND/OR• Provides an example that may lead to conflict or misunderstanding	1

Section III

Question 20

Criteria	Marks
<ul style="list-style-type: none"> • Demonstrates a broad knowledge and understanding of the relationship between materials, manual handling practices and storage • Provides clear reference to the site plan through consideration and application of issues • Demonstrates a clear understanding of Safe Work Method Statements • Correctly uses precise industry terminology in a well-reasoned cohesive response 	13–15
<ul style="list-style-type: none"> • Demonstrates a depth of knowledge and understanding of materials, manual handling practices and storage • Provides a relevant understanding of the site plan • Demonstrates a sound understanding of Safe Work Method Statements • Uses appropriate industry terminology in a cohesive response 	10–12
<ul style="list-style-type: none"> • Demonstrates a general knowledge and understanding of materials and manual handling practices and storage • Provides a general understanding of the site plan • Demonstrates a general understanding of Safe Work Method Statements • Uses appropriate industry terminology 	7–9
<ul style="list-style-type: none"> • Demonstrates a basic knowledge and understanding of materials and the way they are handled • Provides some reference to the site plan • Displays a basic knowledge of Safe Work Method Statements • Uses limited industry terminology 	4–6
<ul style="list-style-type: none"> • Provides an awareness of materials and the way they should be handled • Provides a limited understanding of Safe Work Method Statements • Uses limited industry terminology 	1–3

Section IV

Question 21 (a)

Criteria	Marks
• Demonstrates a clear understanding of mandatory and prohibition signage	3
• Demonstrates an understanding of signage	2
• Demonstrates a limited understanding of workplace signage	1

Question 21 (b)

Criteria	Marks
• Demonstrates an in-depth understanding of management processes • Provides a clear knowledge of monitoring level of risk	5
• Demonstrates a general understanding of management processes • Provides a general understanding of monitoring level of risk	3–4
• Provides a limited understanding of level of risk	1–2

Question 21 (c)

Criteria	Marks
• Demonstrates an in-depth understanding of site-specific induction • Provides a clear knowledge of induction information	6–7
• Demonstrates a sound knowledge of site induction • Provides a general knowledge of induction information	4–5
• Demonstrates a basic knowledge and understanding of site induction	1–3

Construction

2011 HSC Examination Mapping Grid

Section I

Question	Marks	Unit of competency/Element of competency
1	1	CPCCCM1004A – Conduct workplace communication
2	1	CPCCCM1003A – Plan and organise work
3	1	CPCCCM2005A – Use construction tools
4	1	CPCCCM2001A – Read and interpret plans and specifications
5	1	CPCCCM2005A – Use construction tools and equipment
6	1	CPCCOHS1001A – Work safely in the construction industry
7	1	CPCCCM1005A – Carry out measurements and calculations
8	1	CPCCCM1005A – Carry out measurements and calculations
9	1	CPCCCM2005A – Use construction tools and equipment
10	1	CPCCCM1002A – Work effectively and sustainably in the construction industry
11	1	CPCCCM1002A – Work effectively and sustainably in the construction industry
12	1	CPCCCM1003A – Plan and organise work
13	1	CPCCCM2005A – Use construction tools and equipment
14	1	CPCCCM2005A – Use construction tools and equipment
15	1	CPCCCM1002A – Work effectively and sustainably in the construction industry

Section II

Question	Marks	Unit of competency/Element of competency
16 (a)	1	CPCCCM1004A – Conduct workplace communication
16 (b)	3	CPCCCM1004A – Conduct workplace communication
16 (c)	5	CPCCCM1004A – Conduct workplace communication
17 (a)	2	CPCCCM2005A – Use construction tools and equipment
17 (b)	2	CPCCCM2005A – Use construction tools and equipment
17 (c)	4	CPCCCM2005A – Use construction tools and equipment
18 (a)	3	CPCCCM1005A – Carry out measurements and calculations CPCCCM2001A – Read and interpret plans and specifications
18 (b)	5	CPCCCM1005A – Carry out measurements and calculations CPCCCM2001A – Read and interpret plans and specifications
19 (a)	2	CPCCCM1004A – Conduct workplace communication
19 (b)	3	CPCCCM1002A – Work effectively and sustainably in the construction industry
19 (c)	5	CPCCCM1002A – Work effectively and sustainably in the construction industry

Section III

Question	Marks	Unit of competency/Element of competency
20	15	CPCCCM1002A – Work effectively and sustainably in the construction industry CPCCOHS1001A – Work safely in the construction industry CPCCCM2005A – Use construction tools and equipment

Section IV

Question	Marks	Unit of competency/Element of competency
21(a)	3	CPCCCOHS1001A – Work safely in the construction industry CPCCCM1002A – Work effectively and sustainably in the construction industry CPCCCM2005A – Use construction tools and equipment CPCCCOHS2001A – Apply OHS requirements, policies and procedures in the construction industry
21 (b)	5	CPCCCOHS1001A – Work safely in the construction industry CPCCCM1002A – Work effectively and sustainably in the construction industry CPCCCOHS2001A – Apply OHS requirements, policies and procedures in the construction industry
21 (c)	7	CPCCCOHS2001A – Apply OHS requirements, policies and procedures in the construction industry CPCCCM1002A – Work effectively and sustainably in the construction industry CPCCCM1003A – Plan and organise work CPCCCM1004A – Conduct workplace communication