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Examiners' Report

January 2010

Principal Learning

Construction CB104 Create the Built Environment: Methods and Materials

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Principal Examiners' Report

Principal Learning – Construction and the Built Environment

Level 1 Unit 4 - Create the Built Environment: Methods and Materials

General Comments

This is a 30GLH unit and is the only externally assessed unit in the Level 1 specification.

The unit requires the learners to know about modern construction methods, materials and techniques and demonstrate an understanding of the use of sustainable materials, job roles, career opportunities and progression routes, and the importance of teamwork, for those who construct the built environment.

Assessment is via an externally set and externally marked multiple choice question paper consisting of 13 questions worth a total 60 marks. The questions are ramped so that they become more difficult as learners move through the paper. For example, Q2 has two distracters and one correct answer whilst Q9 has three distracters and Q11 has four.

The questions are mapped to provide coverage of the three learning outcomes in the specification, which are:

Learning Outcome 1

This learning outcome was covered by questions 3, 4, 5, 7, 8, 10, 11, 12 and 13. Q5 tested learners' knowledge of materials and their uses. The question should have been one that most learners who achieved a pass grade would get mostly correct. However, statistical analysis indicates that learners achieving a pass scored on average only 1.5 marks out of a possible 5.

Learning Outcome 2

This learning outcome was covered by questions 2, 4, 9 and 11. All of these questions performed as expected with most learners scoring well on questions 2 and 4, but only those achieving higher marks overall doing well on questions 9 and 11.

Learning Outcome 3

This learning outcome was covered by questions 1, 6, 9 and 11. Q6 was about job classifications and it was expected that most learners achieving a pass would do well on this question. However, statistical analysis indicates that on average learners achieving a pass only scored one out of a possible five marks for this question.

Statistics

Level 1 Unit 4 Create the Built Environment: Methods and Materials

Grade	Max. Mark	A*	A	B
Raw boundary mark	60	50	37	24
Points Score	4	3	2	1

Notes

Maximum Mark (raw): the mark corresponding to the sum total of the marks shown on the Mark Scheme or Marking Grids.

Raw boundary mark: the minimum mark required by a learner to qualify for a given grade.

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