

# Examiners' Report

## January 2010

Principal Learning

Construction CB204  
Create the Built Environment: Structures

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# Principal Examiners' Report

## Principal Learning - Construction and the Built Environment

### Level 2 Unit 4 - Create the Built Environment: Structures

#### General Comments

The ramping of the questions worked well in stretching the ability of the more able learners towards the end of the exam paper. Learners coped well with the initial questions where there was a limited choice. A large majority understood the use and analysis of a Gantt chart. Very few learners understood the terminology associated with construction programs, especially what a critical path was.

Learners found the tabulated questions 4 and 11 difficult but gained some marks. With question 6 the identification of the component parts of a holding down bolt detail many struggled to identify a column, but many named the grout below the base plate

The latter part of the paper contained identification of standard drawing symbols. Combining these into the Unit 3 presentation would give learners an opportunity to practice and remember their use in detailing construction correctly.

On the whole learners performed well with the external assessment gaining marks from a variety of questions.

#### Question 12

Many learners did not understand the concept of a performance specification. For example a specification for a room achieving a certain u-value. They were able to identify what materials and workmanship were in terms of quality standards.

#### Question 13

Learners had to describe and evaluate three methods that could be used to minimise the effect of a project on the surrounding community during the construction phase. Many learners achieved well with this question clearly describing a method used to minimise the effect of a project but then did not quite describe what the effect would be. For example many named a wheel wash facility, but failed to describe the reduction of mud on the surrounding roads.



## Statistics

### Level 2 Unit 4 Create the Built Environment: Structures

Grade	Max. Mark	A*	A	B	C
Raw boundary mark	60	50	40	30	21
Points score	10	8	6	4	2

### Notes

**Maximum Mark (Raw):** the mark corresponding to the sum total of the marks shown on the mark scheme or marking grid.

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

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