



EXAMINERS' REPORTS

**LEVEL 1 / LEVEL 2 AWARD IN
CONSTRUCTING THE BUILT
ENVIRONMENT**

SUMMER 2019

Grade boundary information for this subject is available on the WJEC public website at:
<https://www.wjecservices.co.uk/MarkToUMS/default.aspx?!=en>

Online Results Analysis

WJEC provides information to examination centres via the WJEC secure website. This is restricted to centre staff only. Access is granted to centre staff by the Examinations Officer at the centre.

Annual Statistical Report

The annual Statistical Report (issued in the second half of the Autumn Term) gives overall outcomes of all examinations administered by WJEC.

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CONSTRUCTING THE BUILT ENVIRONMENT

Level 1 / Level 2 Award

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SAFETY AND SECURITY IN CONSTRUCTION

General Comments

This is the first series that the 9341 examination has been taken by candidates. Teachers are to be commended on their preparation of candidates for this unit assessment. It has been noted for past series of the previous construction examination (9811), that candidates should be encouraged to provide a reasonable amount of detail in their responses. The examining team felt that a significant number of candidates still failed to gain potential marks by providing overly short or limited responses. It is also suggested that candidates should read the questions fully, so as to understand what is being asked of them. There were a number of instances where candidates provided well written responses which simply did not address the question.

As with the previous examination (9811), it is hoped that this examination will, in addition to being an essential aspect of the WJEC award, provide good preparation for the acquisition of the CSCS card, and centres are advised that CSCS resources are good revision tools in preparing candidates for this examination.

Comments on individual questions/sections

- Q.1 (a)** This question had a facility factor of 65.4 and was reasonably well answered by many candidates. Part (a) of the question required the identification of safety or security risks from a photograph of a construction site.
- (b)** Part (b) required a description of suitable control measures to address each of the risks identified in part (a). Many candidates were well prepared for this type of question and responded accordingly.
- Q.2** This question had a facility factor of 60.8 and was generally well answered. The first part of this question (part a) required candidates to identify security risks to a site office. This was reasonably well done by many candidates, as indeed was the second part of the question (part b) which required the description of suitable control measures to minimise risks. As with question 1, candidates were clearly well prepared for this type of question.
- Q.3** This question had a facility factor of 63.4 and was again, generally well answered. The question consisted of parts a, b and c. Part a required candidates to consider the outcome of not carrying out equipment testing, whereas parts b and c concerned fire extinguishers. It was apparent that candidates were familiar with the types of fire different extinguishers could be used for, although the demands of the question were quite straightforward.
- Q.4** This question had a facility factor of 53.7 and presented a challenge to a number of candidates. The question was presented in three parts, a, b and c. Parts b concerned control measures and was reasonably well done, however, parts a and c were related to legislation and the powers of the HSE.

Parts a and c generated less successful responses with many candidates failing to gain marks especially for part a – legislation.

- Q.5** This question had a facility factor of 54.4 and, as with question 4, presented a challenge to many candidates. A significant number of candidates were not familiar with the signage in question and many did not read the question properly, confusing the internal and external doors.
- Q.6** This question had a facility factor of 50.2 and as such was the most difficult question for the candidates. The question provided a brief scenario and asked candidates to consider the action the HSE would be likely to take and why they would take that action. Many candidates were not aware of what action the HSE may have taken.
- Q.7** This question had a facility factor of 80.7 and as such was the most accessible question on the paper. Candidates were asked to select signs from a given photograph and explain why they were in place. This question was particularly well answered highlighting a familiarity not only with site signage but also with the meaning of the signs and why they would be used.
- Q.8** This question had a facility factor of 65.6 and was reasonably well answered by many candidates. This is a twenty mark question consisting of four photographs of construction sites. The identification of a hazard, the associated risks and suggestions for control measures which will minimise or remove these risks were well considered and communicated.

Summary of key points

Centres are advised to:

- place a greater emphasis on the teaching legislation and the role/ actions of the HSE
- encourage candidates to provide extended responses to questions where appropriate
- develop candidate knowledge of site signage
- carry on the excellent work developing their candidates ability to identify hazards, describe the associated risks and suggest potential control measures



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