

0171-014/514 – Level 3 in Agriculture – Theory Exam (Farm mechanisation)

March 2022

Examiner Report

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Introduction

This document has been prepared by the Chief Examiner, it is designed to be used as a feedback tool for centres to use in order to enhance teaching and preparation for assessment. It is advised that this document be referred to when preparing to teach and then again when candidates are preparing to sit examinations for City & Guilds Technical qualifications.

This report provides general commentary on candidate performance and highlights common themes in relation to the technical aspects explored within the assessment, giving areas of strengths and weakness demonstrated by the cohort of candidates who sat the **March 2022** examination series. It will explain aspects which caused difficulty and potentially why the difficulties arose, whether it was caused by a lack of knowledge, incorrect examination technique or responses that failed to demonstrate the required depth of understanding.

The document provides commentary on the following assessment;

0171-014/514 – Level 3 in Agriculture – Theory Exam (Farm mechanisation)

Theory Exam – March 2022

Grade Boundaries and distribution

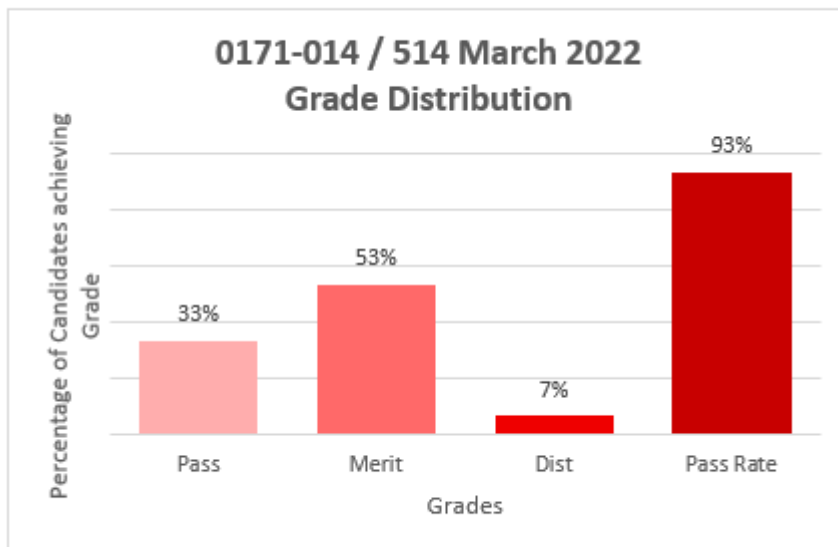
Assessment: **0171-014/514**

Series: **March 2022**

Below identifies the final grade boundaries for this assessment, as agreed by the awarding panel:

Total marks available	60
Pass mark	24
Merit mark	33
Distinction mark	43

The graph below shows the approximate distribution of grades and pass rates for this assessment:



Chief Examiner Commentary

General Comments on Candidate Performance

Assessment component: 0171-014/514

Series 1 (March)

The question paper has a suitable balance and coverage of topics in this pathway which provided opportunities for learners to gain high mark throughout the paper.

This paper was well answered and candidates performed strongly on those questions that involved the workshop. Service sheet information, workshop facilities and the ERQ, on the procedure for changing points on a cultivator, are good examples of this and as it allowed the candidates to pick up marks on the core topics they are most familiar with.

Overall, candidates showed **strength** in:

- Land-based power units (Unit 310)
- Health and safety and safe working practices (Unit 318)

Candidates appear to require further **support** in:

- Benefits of diesel engines (Unit 310)
- Global Positioning System (GPS) (Unit 310)

For the extended response question, candidates were asked to discuss the safety implications of changing the point on a large cultivator on a tractor. There were a wide range of responses with several candidates at the lower end of Band 3 but the majority were around top of Band 2 and Band 1. To access higher marks, candidates need to focus on understanding the more technical areas of the qualification.

Centres are reminded of the City & Guilds Technicals 'Exam Guides' available here:

[Technicals in Agriculture and Land-based Engineering qualifications and training courses | City & Guilds \(cityandguilds.com\)](https://www.cityandguilds.com/qualifications/0171-014/514)

Candidates are strongly advised to be familiar with the command verbs they may encounter during examinations and to be prepared for the different types of structures of questions, as well as the need to read each question carefully and to respond clearly to the question given in the depth required