

Level 2 Technical Certificate in Site Carpentry (7906-20)

Qualification Report 2024

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Introduction

This document has been prepared by the Chief Examiner and Principal Moderator; it is designed to be used as a feedback tool for centres in order to enhance teaching and preparation for assessment. It is advised that this document is referred to when planning delivery and when preparing candidates for City & Guilds Technical assessments.

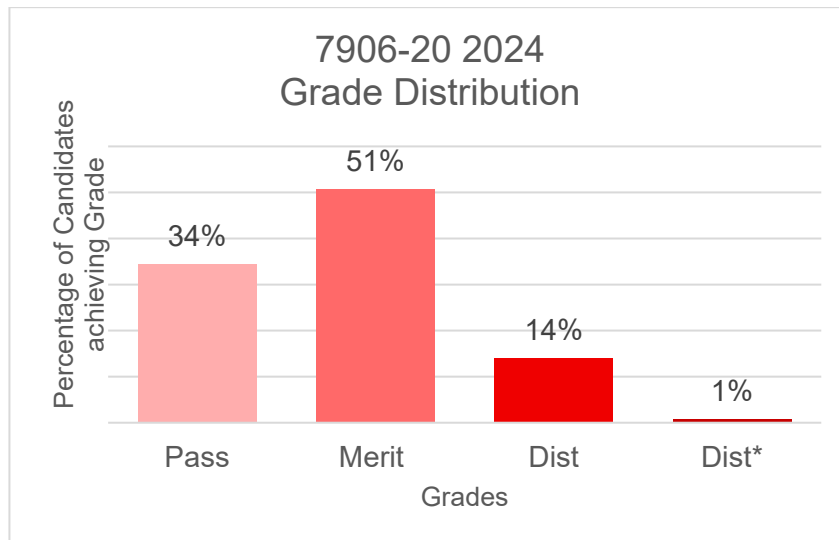
This report provides general commentary on candidate performance in both the synoptic assignment and theory exam. It highlights common themes in relation to the technical aspects explored within the assessment, giving areas of strengths and weakness demonstrated by the cohort of candidates who sat assessments in the 2024 academic year. It will explain aspects which caused difficulty and potentially why the difficulties arose.

The document provides commentary on the following assessments.

- 7906-007/507 – Level 2 Site Carpentry – Theory exam
 - March 2024 (Spring)
 - June 2024 (Summer)
- 7906-008 – Level 2 Site Carpentry – Synoptic Assignment

Qualification Grade Distribution

The grade distribution for this qualification during the 2023/2024 academic year is shown below.



This data is based on the distribution as of 19 August 2024.

Please note City & Guilds will only report qualification grades for candidates who have achieved all of the required assessment components, including Employer Involvement, optional units and any other centre assessed components as indicated within the Qualification Handbook.

Theory Exams

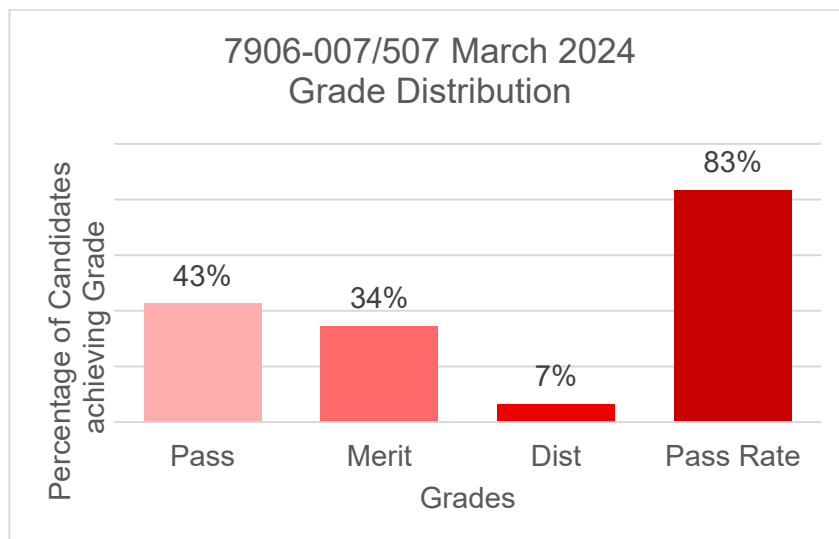
Grade Boundaries

Assessment: 7906-007/507
Series: March 2024 (Spring)

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

Total marks available	60
Pass mark	28
Merit mark	37
Distinction mark	46

The graph below shows the approximate distributions of grades and pass rate for this assessment, it does not account of any marks that have been amended due to generosity.

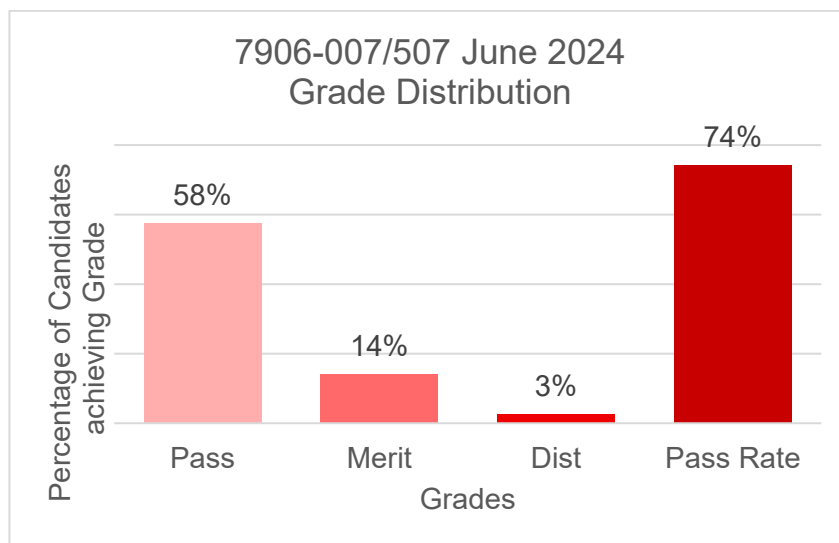


Assessment: 7906-007/507
Series: June 2024 (Summer)

Below identifies the final grade boundaries for this assessment.

Total marks available	60
Pass mark	26
Merit mark	35
Distinction mark	44

The graph below shows the approximate distributions of grades and pass rate for this assessment using the above boundary marks.



Chief Examiner Commentary

7906-007/507 Level 2 in Site Carpentry – Theory exam

Series 1 – March 2024 (Spring)

This exam covers units 201 (Principles of construction), 204 (Non-structural carpentry following plastering) and 205 (Timber technology and the use of a circular saw).

The questions are broken down into three assessment objectives: AO1 (Recall of knowledge), AO2 (Understanding) and AO4 (Applied knowledge).

In general candidates performed very well on the AO1 (Recall) type questions, an improvement on the last March series. Good responses were seen on the AO2 (understanding) and AO4 (Applied knowledge) questions which is also an improvement from previous series.

In Unit 201(Principles of construction) – there was generally a strong performance across all question types, with no topics standing out as being weak areas.

In Unit 204 (Non-structural carpentry following plastering) – about 65% of questions were answered well, with the AO2 and AO4 questions proving more challenging. Questions on topic 2.2 have historically been a challenge to candidates, the following topics also performed poorly across the cohort and are listed to assist centres with teaching and learning:

- 2.2 Moulding profiles.
- 4.2 Considerations when fixing kitchen units.

In Unit 205 (Timber technology and the use of a circular saw) – candidates' performance in this unit has seen the greatest improvement, with most questions being well responded to. The following topics showed the greatest weaknesses and questions on both topics below have historically been a challenge to candidates, centres would be advised to strengthen the teaching in these areas.

- 1.1 Types of timber and manufactured board.
- 5.1 Use of a circular saw.

To improve candidate performance generally, centres are advised to reinforce the above topics when delivering the underpinning knowledge of these subjects and support candidates in responding and answering AO4 (Applied knowledge) based questions ie scenario type questions. Candidates must ensure they fully read the questions carefully before selecting their responses and structure their time appropriately to be able to allow sufficient time to read the options and make their selection.

Series 2 – June 2024 (Summer)

This exam covers units 201 (Principles of construction), 204 (Non-structural carpentry following plastering) and 205 (Timber technology and the use of a circular saw).

The questions are broken down into three assessment objectives: AO1 (Recall of knowledge), AO2 (Understanding) and AO4 (Applied knowledge).

In general candidates performed less well on the AO1 (Recall) type questions than the March 2024 series, slightly less well on the AO2 questions and candidates struggled mostly with the AO4 (Applied knowledge) questions which was on par with the previous series.

In Unit 201 (Principles of construction), candidates' responses to the questions in this unit were less favourable compared to past series, but some areas of strength were demonstrated, and these were around the following topics:

- 2.2 Construction documentation
- 2.3 Technical drawings
- 5.1 Walls
- 5.3 Roofs

Weaknesses were demonstrated in an AO1 question related to topic 1.1 range of construction, and an AO2 and AO4 questions on topic 4.1 Substructure.

In Unit 204 (Non-structural carpentry following plastering), candidates performed well on about half of the AO1 questions, with the AO2 and particularly AO4 questions proving more challenging. Areas of strengths on both AO1 and AO2 questions were on topics 2.3 Fixing tools and 2.5 Fix mouldings, this is a consistent theme across the last three series.

Areas that require developing are listed below to assist centres with teaching and learning.

- 1.1 Types of doors and their components.
- 1.2 Types of ironmongery.
- 1.3 Door schedules.
- 2.1 Moulding types.
- 2.2 Moulding profiles.
- 4.1 Types of kitchen unit and worktop.
- 4.2 Considerations when fixing kitchen units.

Candidates have underperformed consistently with questions on topics 2.2, 4.1 and 4.2 across the past three series.

In Unit 205 (Timber technology and the use of a circular saw), candidates' performance has seen the greatest improvement. In general, most questions were well responded to in the following topics:

- 2.1 Legislation
- 3.2 Circular saw components
- 4.1 Types and features of saw blades.

Questions on Topic 1.1 Types of timber and manufactured board posed a challenge. This has been a recurring theme across recent series and centres would be advised to strengthen the teaching on this topic.

The AO4 questions within this unit performed particularly well, with only one question posing a challenge and this question was related to Topic 4.2 change saw blades.

Overall, across the question types, topics within this unit which require developing with candidates are:

- 1.1 Types of timber and manufactured boards.
- 4.2 Change saw blade.
- 5.1 Use circular saw to cut materials.

Candidates have consistently struggled with questions around these topics over the last three series. Also, centres should go into these topics in greater depth and not only focus on the surface knowledge.

To improve candidate performance further, centres are advised to reinforce the above topics when delivering the underpinning knowledge of these subjects and support candidates in responding and answering AO4 (Applied knowledge) based questions ie scenario type questions. Candidates must ensure they fully read the questions carefully before selecting their responses and structure their time appropriately to be able to allow sufficient time to read the options and make their selection.

Synoptic Assignment

Grade Boundaries

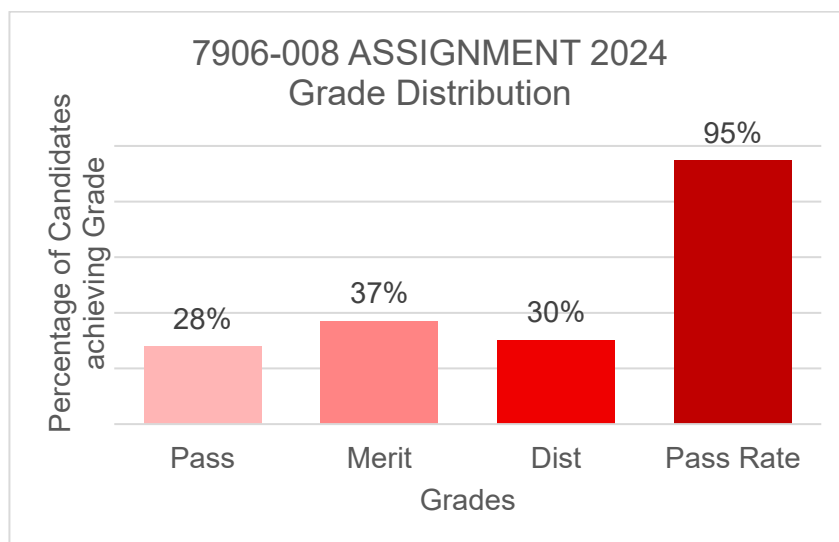
Below identifies the final grade boundaries for this assessment.

Assessment: 7906-008

Series: 2024

Total marks available	60
Pass mark	24
Merit mark	33
Distinction mark	42

The graph below shows the approximate distributions of grades and pass rate for this assessment using the above boundary marks.



Principal Moderator Commentary

The synoptic assignment is designed to cover the units of the qualification that are not assessed within the knowledge test.

All tasks were designed to simulate a real-life scenario, in this series it was based around the construction of a lean-to log store with a mono pitched roof.

This synoptic assignment has three distinct tasks:

Task 1 Planning

Candidates were required to:

- 1 a) produce an annotated scale drawing
- 1 b) calculate the number of spindles
- 1 c) compile a comprehensive materials list.

Task 2 Practical

Candidates were required to:

- 2 a) set out and construct the floor with access panel
- 2 b) construct and fix balustrade.

Task 3 Self evaluation

Candidates were required to write a self-evaluation of their performance.

AO1 Recall

Most candidates demonstrated their knowledge recall well during the practical assessment by selecting correct tools and equipment but missed the opportunity to fully demonstrate this during the planning task.

AO2 Understanding

Some learners demonstrated a good understanding across the whole synoptic assessment. Some candidates provided a detailed breakdown on how they calculated the quantities of materials required, while others only provided partial information i.e. "4 joists" with no linier measurements given. The higher scoring candidates followed the brief and produced detailed, annotated drawings with clear calculations, showing how they worked out the number of balustrade, and used these during the task. The higher scoring candidates used jointing methods that left a suitable finish, while the lower marked candidates only screwed everything together not understanding the impact this will have later in the process.

AO3 Practical

Most candidates completed the practical within the recommended time and to a standard that would be classed as fit for purpose within the construction industry. The majority of the tolerances were met by some of the candidates, with a small number exceeding them. However, a proportion of candidates produced work that did not match the specifications or drawings provided. Most candidates completed the stud work to a good standard but less so with the flooring element or/and the balustrades, with significant gaps between handrail and newels with spindles unevenly spaced.

AO4 Bring it all Together

Candidates that achieved the higher marks within AO4 had familiarised themselves with the assessment brief and fully understood what was required. They devised a method of work that would enable them to complete the task timely, and to a standard that met the tolerances. Candidates that did not prepare and plan adequately tended to be marked lower within this AO.

AO5 Attention to detail

Some candidates tended to disregard the importance of the planning tasks, focusing all their attention on completing the practical tasks to the best of their abilities. As a Level 2 Site Carpenter it would be expected that they should be able to produce basic working drawings, material lists using correct terminology, calculate quantities of materials that require ordering and convey information to a third party. Some of the drawings and material lists submitted showed clear gaps in the candidate's attention to detail with little attention given to the planning task. Some candidates did complete the planning task to a high standard, providing the information required to fully meet the assessment brief. The higher scoring candidates checked the newels for plumb and made adjustments to ensure newels were fixed plumb in both directions. They took the time to finish/ dress dowels leaving a finish that would be acceptable to hand over to the client.

Summary

Candidates that read and fully understood the brief, planned a sequence of operations and regularly checked their components against their working drawings, tended to produce the most accurate floor structure with the hatch positioned correctly. Candidates that did not work to a recognised sequence tended to make basic errors requiring replacement components, and ended up rushing to finish, producing a balustrade with an overall finish that lacked the desired quality for a second fix task or required additional time to complete.