

**T Level Technical Qualification in
Maintenance, Installation and
Repair for Engineering and
Manufacturing**

**Employer-Set Project
(8730-033)**

**Task 2
Summer 2024**

Task 2 – Report

Following the completion of the research, the client has requested a report which outlines the proposed replacement of the handrail and maintenance activity.

Part A

You have been asked to draft a report outlining the replacement of the handrail and planned maintenance. This must include:

- the handrail you have chosen and why
- installation requirements
- access requirements, when have you chosen to carry out the work and why
- the equipment and resources needed to carry out the activities
- proposed planned maintenance schedule
- estimated cost of replacement and maintenance
- health and safety regulations, including a risk assessment for the handrail replacement and planned maintenance.

The written report will typically be 2000 words.

Part B

Along with the written report, you must include an engineering drawing showing a cross section of the part of the handrail the user will hold on to. This must detail:

- dimensions
- tolerances.

The drawings will typically be **one** side of A3.

Timing of assessment

- You will have **four hours** to complete your report and engineering drawings.

Conditions of assessment

- Your report and engineering drawing(s) must be completed working alone under supervised conditions.
- You must not share or discuss your work with other candidates.
- You will have access to a copy of your response to the previous task (for review purposes only).
- You will **not** have access to the Internet for the completion of this task.
- Your engineering drawing(s) can be completed manually or by using CAD software.
- Assessment evidence must be handed in at the end of each session for secure storage which cannot be accessed.

What you must submit on completion of this task

- **Part A: Written report** (typically 2000 words) – hard copy or file saved securely (e.g in a secure online location or on a memory stick to be handed in).
- **Part B: Engineering Drawing(s)** (typically one side of A3).

Additional evidence of your performance that will be captured for marking

- N/A

Marks available

- 24

Get in touch

City & Guilds Technicals Quality Team

We are here to answer any queries you may have regarding your T Level Technical Qualification delivery.

Should you require assistance, please contact us using the details below:

T: 0300 303 53 52 (Monday - Friday | 08:30 - 17:00 GMT)

E: technicals.quality@cityandguilds.com

W: cityandguilds.com/tlevels

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City and Guilds Group Giltspur House, 5–6 Giltspur Street London EC1A 9DE