T-LEVELS | Institute for Apprenticeships & Technical Education

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

Employer-Set Project (8730-033)

Task 3
Summer 2023

City & Guilds | eal

Task 3 – Plan

You have been asked to create a planning chart of work for the implementation of the modified system. The plan is to include the order of work processes to be completed as part of your modification. You will need to consider in which order the relevant parts and components of the system are to be ordered, checked and installed.

Create a planning chart of work, including the following considerations:

- purchasing of the parts and component(s)
- the order of installation and setting up of parts and components
- isolation and drainage requirements
- the tools required for the installation
- commissioning/testing and calibrations on site
- duration and sequence of the project including a critical path
- who will be involved with each process and resources required.

Planning charts can be presented in an industry recognised format of your choice. You may choose to complete your planning chart using digital software, but you do not have to do so.

Provide a supporting statement to justify your planning chart taking into consideration:

- job roles and responsibilities
- health and safety
- environmental factors
- cost considerations and implications.

The planning chart will typically be **one** side of A4.
The supporting statement will typically be 1000 words.

Timing of assessment

- You will have **three hours** to complete your planning chart and supporting statement.

Conditions of assessment

- Your planning chart and supporting statement should be completed working alone under supervised conditions.
- You must not share or discuss your work with other candidates.
- You will have access to software that may be required to create the planning chart (e.g. word processing software, spreadsheets etc.).
- You will have access to copies of your responses to the previous tasks (for review purposes only).
- You will **not** have access to the Internet for the completion of this task.
- 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

- Planning chart (typically one side of A4).
- Supporting statement (typically 1000 words) – copy of file saved securely (e.g., in a secure online location or on memory stick to be handed in).

Additional evidence of your performance that will be captured for marking

- N/A

Marks available

- 18

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

The T Level is a qualification approved and managed by the Institute for Apprenticeships and Technical Education.

Copyright in this document belongs to, and is used under licence from, the Institute for Apprenticeships and Technical Education, © 2023. 'T-LEVELS' is a registered trademark of the Department for Education. 'T Level' is a registered trademark of the Institute for Apprenticeships and Technical Education. 'Institute for Apprenticeships & Technical Education' and logo are registered trademarks of the Institute for Apprenticeships and Technical Education.

Every effort has been made to ensure that the information contained in this publication is true and correct at time of publication. However, City & Guilds products and services are subject to continuous development and improvement, and the right is reserved to change products and services from time to time. City & Guilds cannot accept responsibility for any loss or damage arising from the use of information in this publication.

City & Guilds Limited (Reg No 16513878). All rights reserved. City & Guilds is a trademark of City & Guilds Limited.
City and Guilds Group Giltspur House, 5–6 Giltspur Street London EC1A 9DE