Task 1 - Prepare and plan for the production of complex timber-based products

You will be provided with the assignment brief and given time to plan for the construction of the timber stud cloakroom complete with a segmental headed door lining with matching architrave.

a) Plan for the carpentry and joinery work required for the cloakroom

You should:

- detail the materials required, take measurements of the working area to calculate quantities of materials needed and provide reasoning why you are requesting these resources
- produce a materials list and a method statement planning your works and a risk assessment. The method statement should include a detailed sequence of activities, safety precautions and rationale for the tools and equipment selected
- complete the pro-forma for the method statement, materials list, cutting/component list, and risk assessment included within the resource materials provided. You will be provided with the pro-formas at the beginning of this assignment.
- take measurements of the working area to confirm the wall dimensions and calculate lengths and angles
- provide the quantities of stud materials needed with a rationale as to why you are requesting these resources.

b) Produce setting out details, templates and formers required for the construction of the curved headed lining and architrave

You must produce your own templates and formers.

c) Communicate rod and setting out details to the project manager

Your tutor/assessor will act as the project manager during the presentation and record any feedback on the tutor/assessor feedback form.

You will communicate the rod and design details to the project manager.

You must complete this activity prior to carrying out the works.

If you provide a plan that is not fit for purpose it is expected that the tutor/assessor should intervene and provide necessary feedback and corrective guidance to the plans prior to you carrying out the tasks, however this will be commented on in the marking documentation and reflected in marks awarded.

Conditions of assessment:

- The time allocated is **6 hours**
- You must carry out the task on your own, under controlled conditions

What must be produced for marking:

- Method statement
- Risk assessment
- Site measurements confirming dimensions with calculations of lengths and angles
- Material list also containing tools and equipment
- Cutting/component list
- Setting out rod, template for architrave
- Former for the door lining head
- Marked out sole plate position
- Communicate/present the rod detail prior to manufacture

The communication of the rod detail should **not** exceed 15 minutes.

Your tutor/assessor will act as the project manager during the presentation and record any feedback on the tutor/assessor feedback form.

Additional evidence of your performance that must be captured for marking:

- Tutor/assessor observations
  - of the measurements and site location/work carried out by you, confirming site conditions at the start of the planning activity.
  - of the templates of the door lining and architraves prior to manufacture
  - of the former made for lining head
  - of the rod production and presentation of the rod detail to the project manager

Get in touch

The City & Guilds Quality team are here to answer any queries you may have regarding your T Level Technical Qualification delivery.

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