

Task 1 – Planning

You must:

- a) analyse the brief and technical information to produce a resources list needed for the production of the anchor
- b) produce a risk assessment for the activities needed for the production of the anchor
- c) produce a method statement with justifications for the production (fabrication, welding and testing) of the anchor
- d) complete a hot works permit
- e) carry out calibration checks on measurement equipment
- f) produce a cutting list for the fabricated pieces
- g) produce a quality check sheet for use in Task 3A.

Resources:

- writing materials
- measuring equipment (with calibration certificate)
- engineering drawings
- risk assessment generic template
- hot works generic template
- copies of industrial welding standards.

Conditions of assessment:

- the time allocated for this task is **3 hours**
- you must carry out the task on your own, under **controlled conditions** while being observed
- you **must** submit the completed hot works permit to your assessor for approval and countersigning to proceed to Task 2.

Controlled conditions:

- you must only work on the tasks in the allocated times
- assessment evidence must be handed in at the end of each session for secure storage which cannot be accessed
- all practical work areas and any evidence produced must be kept secure and only accessible by the assessor
- you must not share or discuss your work with other candidates
- you are not permitted to bring any materials into the assessment session.

What you must produce for marking:

- resources list with measuring equipment calibration check recorded
- risk assessment
- method statement with justifications
- hot works permit (countersigned by assessor)
- cutting list
- quality check sheet.

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