

Task 3B – Quality review and recording

You must:

- a) perform quality assurance checks on your finished spacer block assembly
- b) produce an inspection report evaluating the production of your finished spacer block assembly. The report should typically be 800 words.

This must include:

- finished sizes of components and confirmation the spacer block assembly conforms to the dimensional requirements of the specification
- an explanation of the quality checks undertaken and the reasons for their use
- an evaluation of the fitness for purpose of the finished spacer block assembly and method of production used with reasoning and justifications
- a concessions list for every facet of the spacer block assembly that does not conform to the specification, reasons for occurrence and how to prevent reoccurrence
- any amendments needed to your method statement with reasoning
- any improvements or adaptations required to the spacer block, including any reasoning and justifications if adaptations or improvements are not required.

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.

Controlled conditions:

- you must only work on your 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 must be produced for marking:

- completed quality check sheet
- quality inspection report.

Additional evidence for this task:

- assessor observations:
 - quality checking process
 - application of measuring equipment.

To support the comments made within the Practical Observation the assessor must capture the following photographs that must be submitted as supporting evidence for each candidate.

Photographic evidence which shows:

- the quality checking process being undertaken and the use of the quality check sheet.

Resources:

- measuring equipment (with calibration certificate)
- quality check sheet (from Task 1)
- writing materials
- access to a computer to write the report
- copies of completed documentation from Task 1.
- completed assembly from Task 2C.

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