

Task 3B – Evaluation and recording

You must:

- a) produce a quality inspection report evaluating the production of your finished bearing assembly. The report should typically be 800 words.

This must include:

- finished sizes of components and confirmation the bearing 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 bearing assembly and method of production used with reasoning and justifications
- a concessions list for every facet of the bearing assembly that does not conform to the specification, reasons for occurrence and how to prevent reoccurrence
- any improvements or adaptations required to the bearing assembly, 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 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 evidenced 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:

- quality inspection report.

Additional evidence for this task:

- completed bearing assembly.

Resources:

- writing materials
- access to a computer to write report
- copies of completed documentation from Tasks 1 and 3A
- completed bearing assembly.

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