



CONSTRUCTION
INDUSTRY COUNCIL
建造業議會

Mechanical Fitter Intermediate Trade Test Mock Practical Test Paper

此文件關於電訊系統裝配工工藝測試考題。如有需要索取此文件的中文版本，
請致電 2100 9000 與香港建造業工藝測試中心聯絡。

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Enquiries

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Practical Test Paper for Trade Test (IME)

Job Title : Mechanical Fitter

Skill Level : Intermediate

Time Limit : 3 hours

- Notes :
- 1) Candidates shall read the following “Notes to Candidates” and “Regulations in the Test Centre” as issued by the test centre before working on the test.
 - 2) If a candidate does not carry out proper safety measures during the test, he/she will be given a fail grade for that test.
 - 3) After the test, candidates shall clear the place and restore the original condition of the test centre under the instructions of the invigilator.

Practical Test Paper for Trade Test (IME)

Test Question : to complete the following practical test at designated location : (Please refer to the working drawing)

1. **Work piece 1** only one side need to make good to 90° ;
 2. All the side need to file as 0.5mm x 45° ;
 3. Use appropriate working method to make the hole 12mm. x 36mm with bench drill and chisel ;
 4. Only hand drill can be use on drilling the 6.5mm holes
 5. Use bench drill to locate , drill and tape the M12 x 1.75mm on mild steel plate so as to fix the bolt (M12×1.75mm) provided by the test centre ;
 6. **Work piece 2** only one side need to make good to 90°
 7. All the side need to file as 0.5mm x 45°
 8. Only hand drill can be use on drilling the 6.5mm holes
 9. Use appropriate working method to make the steel bar to M6 x 1 stud
 10. To fix the work piece 1 and work piece 2 together with stud , nut and washers.
- ◆ The total mark of the test is 100. Candidates will get a pass for the test if they score more than 60 marks.

Working Drawing:

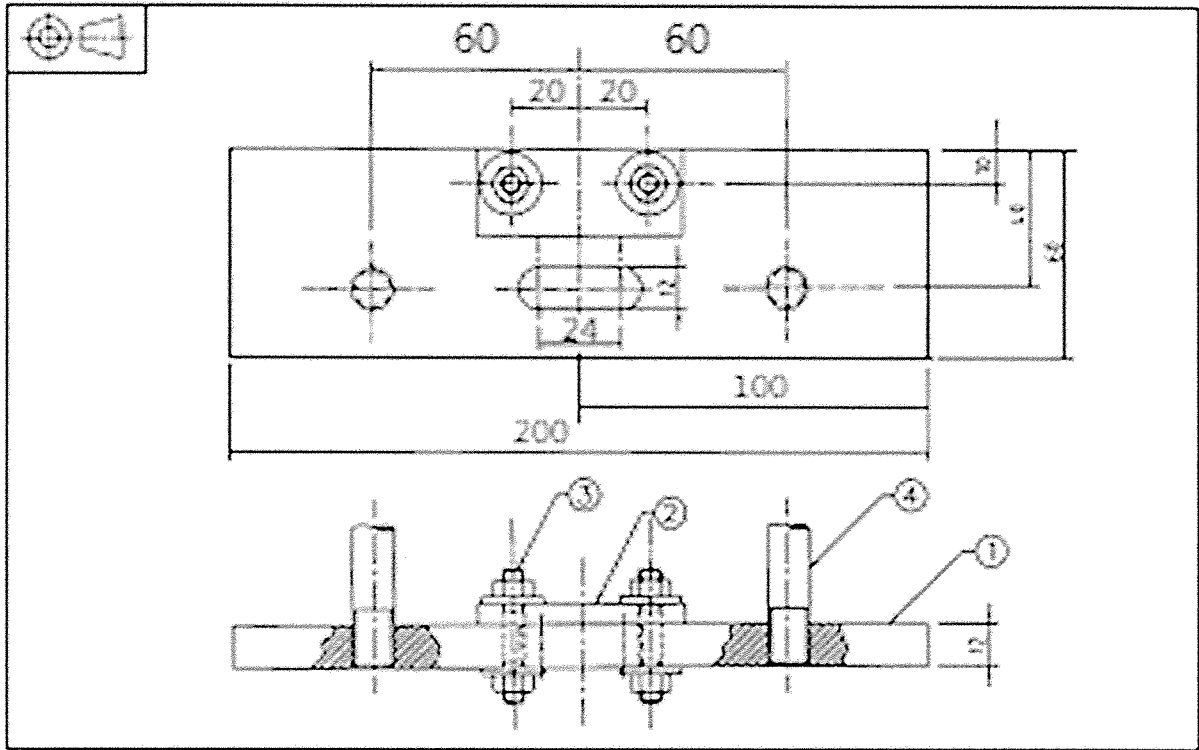


Fig.1

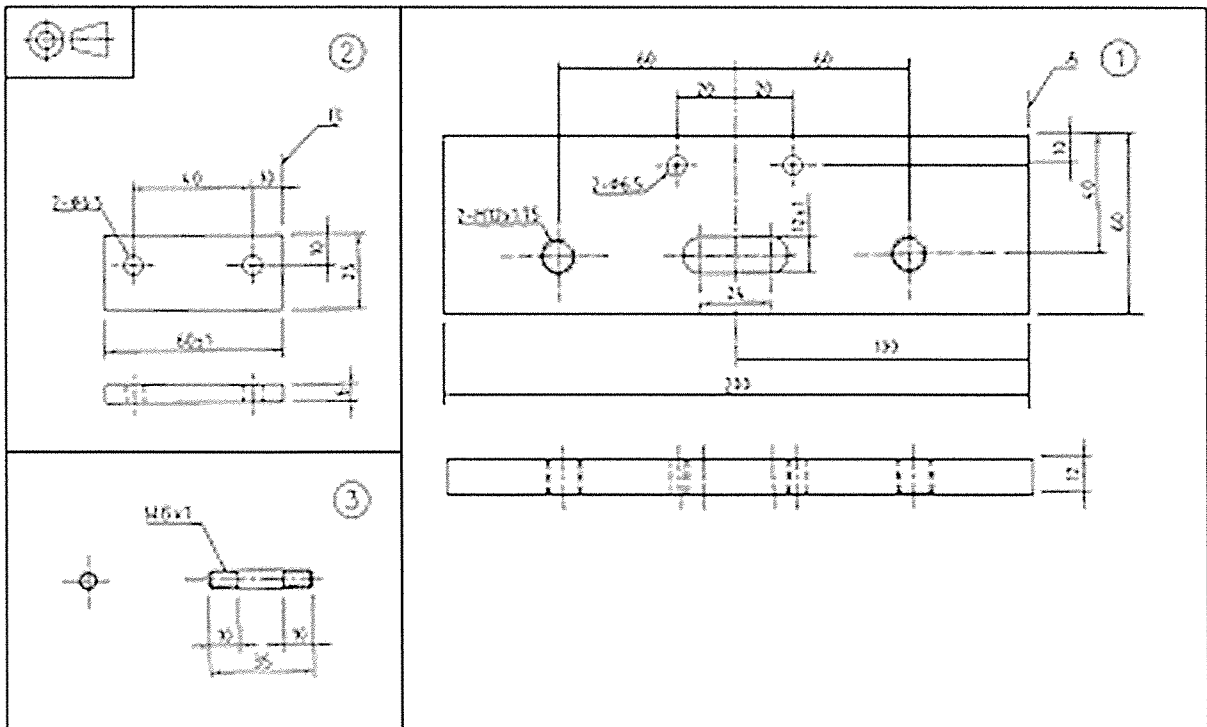


Fig.2

Notes to Candidates:

1. Candidates should read the test papers carefully and ask the invigilator for any queries.
2. Candidates should study the drawings and specifications attached to test papers, if any, before the test begins.
3. Candidates should carry out the test according to test papers, working drawings and specifications provided.
4. Candidates shall bring their own safety shoes, other safety equipment will be provided by trade testing centre. Candidates must take all necessary safety precautions to ensure work safety.
5. All tools and materials required by the test will be provided by trade testing centre, candidates should check and ensure their adequacy and quality. Candidates shall use the tools and materials properly based on trade practice. All the tools must be returned to trade testing centre after the test. The candidates may ask the invigilator for any problems.
6. Candidates are required to handle and move the tools and materials for use in the test, and to carry out associated works.
7. Invigilator will take record photos periodically during the test.
8. Candidates are not allowed to take any photo or video with cameras or mobile phones.
9. Candidates are not allowed to use their mobile phones during the trade tests, except for emergency situation.
10. The marking scheme is based on the following criteria :

- a) Understanding of drawing and specification
- b) Preparation works before commencement of test
- c) Working procedures
- d) Accuracy and quality of works
- e) Progress of works
- f) Proper handling and use of materials
- g) Proper use of tools and equipment
- h) Safety precautions
- i) Considerate of other trades
- h) Housekeeping after completion of test

11. All candidates must stop when time is up.
12. Candidates are required to return the test paper to invigilator after the test.
13. Offering bribe to invigilator is an offence in law and trade testing centre will report to the ICAC for any such case.

In the event that the candidate fails to take any necessary safety precautions and / or works in any dangerous situations, he / she will be assessed failed