



CONSTRUCTION
INDUSTRY COUNCIL
建造業議會

Trackworker Skilled Trade Test Mock Practical Test Paper

此文件關於鋪軌大工工藝測試考題。如有需要索取此文件的中文版本，請致電 2100 9232 與工藝測試中心聯絡。

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Enquiries

Enquiries on this Material may be made to the Trade Test Centre at:

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Tel: (852) 2100 9232

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Email: enquiry@hkcic.org

Website: www.hkcic.org

Trade Test Paper

Title : Track Worker

Skill Grade : Skilled Worker

Test Question: Complete the following 3 tasks in the specified location: (Must be carried out in accordance with the order of questions)

Replace rail pad (30 marks)

Job includes lifting rail, remove insulators, clean the track bed, replace rail pad and reinstate rail fastening and insulator. Replace the rail clips, pads and insulators if required.

Track Tamping (40 marks)

- (a.) To measure the gauge and cant by using track gauge.
- (b.) To adjust the cant according to the design value (within $\pm 5\text{mm}$ limit)
- (c.) Track tamping in the specified location and complete the track tamping record form

Fishplate Maintenance (30 marks)

Job includes remove fishplates, clean and inspection, reinstall fishplates, measure gap and visual inspection, measure the vertical and horizontal alignment and complete the Fishplate Joint Maintenance Record.

Duration : 3 hours

- Notes :
- (1) The candidate should read the [Note of the examination] in the appendix, before the test.
 - (2) If the candidate does not complete all the safety measures in the test, the test will be considered failure.
 - (3) The test paper has 5 pages. The full mark is 100. 60 marks or above will be considered as passed.

路軌搗固記錄表格

Track Tamping Record Form

| 搗固位置 Tamping Location : _____ 道岔 _____ | | 日期 Date : _____ | | |
|---|-----------------------|---------------------------------------|----------------------|----------------------|
| | | 設計超高 Design Cant : _____ 0mm _____ | | |
| 軌枕編號 Sleeper No. | 搗固前 Before Tamping | | 搗固後 After Tamping | |
| | 超高(毫米) Cant (mm) | 軌距(毫米) Gauge (mm) | 超高(毫米) Cant (mm) | 軌距(毫米) Gauge (mm) |
| 搗固起點 Starting point of Tamping (每軌枕量度) (measure at every Sleeper) | | | | |
| 1. | | | | |
| 2. | | | | |
| 3. | | | | |
| 4. | | | | |
| 5. | | | | |
| 6. | | | | |
| 7. | | | | |
| 8. | | | | |
| 9. | | | | |
| 10. | | | | |
| 11. | | | | |
| 12. | | | | |
| 13. | | | | |
| 14. | | | | |
| 15. | | | | |

Fishplate Joint Maintenance Record

魚尾板口維修記錄表格

Please in appropriate cells

請在 內加 " " 表示完成

| Clean 清潔 | Grease 潤滑油 | Tighten 收緊螺栓 | Gap (mm 毫米) 軌頭空隙 | Dip (mm 毫米) 軌頭凹下 | Kink (mm 毫米) 起掙 | Defects 缺陷 | Temperature 鋼軌溫度 | Remarks 備註 |
|-------------|---------------|-----------------|---------------------|---------------------|--------------------|---------------|---------------------|---------------|
| | | | | | | | | |
| | | | | | | | | |

考生姓名 Name : _____

考生號碼 Candidate No. : _____

簽 名 Signature : _____

日 期 Date : _____

Construction Industry Council

Notice to candidate before the track worker trade test

1. Candidates must present examination notice issued by the Construction Industry Council and the identity document allowing the examiner to sign.
2. Candidate must check and acknowledge receipt examination papers, safety equipment, tools and instruments, before the test, He should return all before leave the examination site (include examination papers).
3. Candidates must follow the priority of questions in the examination papers to do the work.
4. Before the start and end of the testing, candidates must write down the time and sign on the 「Candidate practical test examination form」;. If candidate left early before the established testing time, he will not be allowed to return the examination site for examination.
5. Tests must be manipulated by the candidate himself, not others to assist.
6. The examiner will take photos for record purposes during the test. Each candidate will be arranged to take photo with his candidate number at the appropriate location for record purposes
7. If an unforeseen exceptional circumstance happens during the test, the examiner can ask to stop the test. In case of emergency, candidate can ask immediately stop testing, and submit the reasonable reason to Construction Industry Council trade test centre within seven days. Otherwise, a free re-examination will not be arranged.

8. The examiner will decide whether to stop testing or not under the below circumstances, and will then work out another date for free re-examination

- (a) MTR Corporation will redraw the examination site immediately under special circumstances
- (b) Candidate physical discomfort or injuries
- (c) Machine failure and damaged tool
- (d) Unsafe working environment
- (e) Adverse weather

Candidate must comply with the safety measures operation at the testing process. If candidate breach the safety measures seriously and not response to the examiner's warning, the examiner will declared the test result of candidate is void.

Name of Candidate _____

(I understand and agree to the above matters)

Date: : _____