

Plumber

Intermediate Trade Test

Major Assessment Criteria of Practical Test

(Version : IPM-AC-EN-01)

The [updated test scope](#) will be implied to all Plumber Intermediate trade test scheduled **on or after 4 July 2022**.

For the [assessment criteria](#) and relevant content of updated test scope, please refer to the CIC website or contact Hong Kong Construction Industry Trade Testing Centre at 2100 9000.

此文件關於水喉工中級工藝測試實務測試主要評分範圍。

如需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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Major Assessment Criteria of Practical Test

A. Technical Assessment :

Area of Assessment	Major Assessment Criteria
(1) Understanding of drawing and specification of works	Read the test papers, drawing(s) and requirement(s) and works in accordance with the test drawing(s)/ requirement(s)/ specification(s)
(2) Preparation prior to works	Preparation prior to works including checking tools and materials, and complete the checklist
(3) Works procedure, accuracy and quality	<p><u>Installation of water supply system</u> Works procedure including measuring and marking, drilling holes, fixing pipe bracket(s), fixing and bending pipe(s), pipes connection by soldering and compression and water pressure test</p> <p>Accuracy and quality of works including techniques of fixing pipe bracket(s) and bending pipe(s), accuracy and quality of installing faucet seat and connecting pipes, accuracy and quality of fixing pipes, shower-tap, valve, associated fittings, and etc.</p>
	<p><u>Installation of flushing cistern and toilet bowl</u> Works procedure including measuring and marking, drilling holes, installing screws, mounting bracket, associated fittings, and etc.</p> <p>Accuracy and quality of works including installation of flushing cistern and associated fittings, accuracy and quality of installing toilet bowl and connection of pipes</p>
(4) Application and handling of materials	Proper choose and use of materials including pipes, pipe bracket(s) and fittings
(5) Proper use of tools and equipment	Proper use of tools and equipment including spirit level, electric drill, adjustable wrench/ plier, blow torch, test pump and etc.
(6) Housekeeping after work	Housekeeping after work including cleanliness and tidiness of workplace, tools, fittings and toolbox

Candidate who fails to comply with any specified requirement(s) during the test may led to fail of the test.

B. Safety Assessment# :

Violations/ Dangerous Conditions to Avoid	
Applies to use and handling of tools/ equipment	Improper use of electric drills, blow torch and test pump
Applies to work-at-height	Improper use of portable ladder
Applies to whole test	Improper/ without use of safety helmet/ safety helmet belt chin strap/ safety glasses/ goggles

#Candidate who fails to comply any safety requirements or performs any unsafe act during the test, marks will be deducted in accordance with the degree of unsafe act. Candidate who fails the safety assessment will lead to fail of the test.

Precautions

This document is provided as reference for test preparation only. Under all circumstances all content in the official test papers, including but not limited to the terms and conditions therein, prevails. There are different versions of the test paper, content include but not limited to tools, materials, equipment, drawing, construction details or procedures and different simulated site environments. Candidates should refer to the official test documents during testing.

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