

# INSTALLATION OF STRUCTURAL SUPPORTS FOR AIR-CON CONDENSING UNITS

## 空调冷凝器支构安装

**A 17 - hour course leading to a Certificate of Successful Completion  
Recognised by Building and Construction Authority (BCA) for Air-con Installers**

### INTRODUCTION

As our society becomes more affluent, the demand on the use of air-conditioning has increased. This has resulted in a steady increase in the use of small a/c units in residential, commercial and industrial premises. Most of these a/c units are installed in high-rise buildings over public areas. Besides good design of the supports, good workmanship in installation is very important. Hence, it is important for a/c installers to be properly trained on the appropriate methods of installing a/c unit supports.

**Workers who are involved in air-con unit installation should attend this course.**

### COURSE OBJECTIVES

This course enhances participant's skills and knowledge on the proper and safe installation of supports for condensing unit and window unit. It covers the tools and equipment of the trade, different types of steel angle support, substrate, appropriate installation techniques and the necessary safety precautions to be taken during the installation process.

### COURSE CONTENT

The course consists of classroom lectures and practical hands-on training on safe installation of condensing unit and window unit. Topics covered include:

- Types of air-conditioning system
- BCA requirements with regards to the installation of air-con condensing units and window units
- Use of suitable supports and fastening systems
- Correct methods of installing condensing units and window units in HDB and non HDB flats
- Safety precautions

There will be 9 hours of theory lessons and 4 hours of practical hands-on session for trainees to familiarise with installing air-con condensing units onto walls.

### LANGUAGE OF INSTRUCTION

- English
- For other languages, the company can provide their own language interpreter to assist during the training sessions and assessment.

### ENTRY REQUIREMENTS

- Singapore Citizens, Singapore Permanent Residents or holders of valid work permit
- Preference will be given to applicants sponsored by air-con installation companies
- Minimum 2 years of air-con installation experience is required.

### CERTIFICATION

Participants who have attended at least 75% of the training sessions and passed the theory and practical tests will be issued with an installer's pass and the Certificate of Successful Completion (CSC).

### ADMINISTRATIVE DETAILS

Intake:	Regularly subject to minimum class size enrolled.
Duration:	<i>Training: 13 hours</i> <i>Test/Assessment: 4 hours</i>
Frequency:	2 days or 4 evenings
Time :	8.30am to 5.30pm (day class) 6.00pm to 10.00pm (evening class)
Venue:	BCA Academy, 200 Braddell Road
<b>Fee (Incl of GST):</b>	<b>S\$610.00 (without Subsidy)</b>



To register, please log into our Online StoreFront (OSF) at <https://eservices.bcaa.edu.sg/registration/#/login> or scan QR code and search for course code **41005**

For more information, please call 6248-9999  
or email : [bca\\_academy@bca.gov.sg](mailto:bca_academy@bca.gov.sg)  
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