

# TOWER CRANE (SADDLE JIB) OPERATION

## 平臂塔吊操作

An 86-hour course that leads to a Certificate of Successful Completion required by MOM for registration to be a tower crane operator

### INTRODUCTION

Under the Workplace Safety and Health (Operation of Cranes) Regulations 2011, all tower crane operators are required to be trained. They must successfully complete an appropriate tower crane operator training programme.

Participants who have successfully completed this course will be awarded a Certificate of Successful Completion. This certificate is a prerequisite for application to be an MOM-registered tower crane operator.

Workers / Individuals who wish to embark on a career in tower crane operation should attend this course.

### COURSE OBJECTIVES

The course provides training in the knowledge and skills in tower crane (saddle jib) operation.

### COURSE CONTENTS

#### Module 1 (Theory)

- Principal components and configuration of tower crane
- Safety devices and indicators
- Introduction to WSHA and subsidiary legislations
- Duties and responsibilities of crane operator
- Interpret load chart
- Risk Assessment and Permit to Work for lifting operation

#### Module 2 (Practical)

- Daily & weekly inspection
- Initial tower crane operations
- Safety in lifting operations
- Hand signal and telecommunication
- Practical lifting operations

### LANGUAGE OF INSTRUCTION

- English or Mandarin

### CERTIFICATION

Participants who have attended at least 75% of the training sessions and passed the course assessments will be issued with the Certificate of Successful Completion (CSC).

### COURSE ENTRY REQUIREMENTS

- **At least 21 years of age\***
- **Must not be suffering from acrophobia (fear of height)**
- **Singapore citizens or Singapore Permanent Residents;** or
- **Sponsoring company of construction work pass holders**, who wish to apply for this course, must submit an endorsed copy of Form C under the "Temporary relaxation scheme" and be subjected to its prevailing terms and conditions. The endorsement of Form C can be obtained from BCA/MRUD. For more details on Form C and its endorsement process, please contact BCA/MRUD at DID: 6730 4566, or email to [bca\\_crane@bca.gov.sg](mailto:bca_crane@bca.gov.sg);
- **Sponsoring company of construction work pass holders**, who are existing crane & hoist operators and wish to cross train in other cranes, need not submit a copy of endorsed Form C under the "Temporary relaxation scheme"; or
- **Work permit holders from other industries** (except Construction) who are working as crane & hoist operator may also apply for this course, subject to availability.

### MOM's requirements for applying to be a registered Crane Operator

To apply, you need to meet the following requirements:

1. Be at least 21 years old.
2. Pass the relevant crane operator course and obtain the course certificate. **You must submit your crane operator application within 6 months from date of issuance of your crane operator course certificate.**
3. If you are aged 50 years or above, you must pass the medical examination before you can apply.
4. Occupation on the work pass card must be stated as "Crane and Hoist Operator" for an applicant holding a work permit or S-Pass in the construction sector, all other occupations are not accepted.

Please refer to MOM website (<http://www.mom.gov.sg/workplace-safety-and-health/wsh-professionals>) for more information.

### ADMINISTRATIVE DETAILS

Intake: Conducted on a regular monthly basis.  
(Confirmation of training place is based on a first come, first-served basis.)

Duration: **Module 1** – Theory: 3 days  
Training: 22 hours + Test: 2 hours  
**Module 2** – Practical: 9 days  
Training: 64 hours + Test/Assessment: 8 hours

Time: 8.30 am to 5.00 pm

Venue: BCA Academy, 200 Braddell Road

Fee (Inclusive of GST): **\$3,000.00**

**\$3,250** (Foreigner)

Singaporeans 40 years old and above OR SME company sponsored Singaporeans or Singapore PRs. Fee payable after 70% funding support	S\$1,037.38 (incl of GST)
Singaporeans, Singapore PRs and non SME company sponsored participants. Fee payable after 50% funding support	S\$1,598.13 (incl of GST)

Participant must achieve at least 75% attendance and pass all assessments. BCA Academy reserves the right to recover the funded amount from the participant (self-sponsored) or employer (company sponsored) if participant did not meet the eligibility criteria. Details of SSG's funding can be found in <https://www.enterprisejobskills.gov.sg/content/upgrade-skills/course-fee-and-absentee-payroll-funding.html> (TGS-2020500230)



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 **44068**