

# LUFFING JIB TOWER CRANE OPERATION

## 俯仰塔吊操作

**A 24 - hour course leading to a Certificate of Successful Completion**

### INTRODUCTION

Tower Cranes are often used on construction sites to improve productivity in high-rise construction work. In heavily built-up areas where there is site constraint, it might be necessary to use a Luffing Jib Tower Crane instead of a normal "hammer-head" Tower Crane.

The Luffing Jib Tower Crane includes several additional operational features. Existing tower crane operators need to be trained to operate the Luffing Jib Tower Crane safely and efficiently.

**Existing tower crane operators who wish to operate a Luffing Jib Tower Crane should attend this course.**

### COURSE OBJECTIVES

This course aims to equip existing tower crane operators with the technical knowledge and skills to operate the Luffing Jib Tower Crane.

### COURSE CONTENTS

**This is a practical-based course. The course curriculum covers:**

- Introduction and orientation to Luffing Jib Tower Crane Operation
- Safety devices
- Daily inspection and maintenance of the Crane
- Duties and responsibilities of an Operator
- Practical Lifting Operation

### LANGUAGE OF INSTRUCTION

- English or Mandarin

### COURSE ENTRY REQUIREMENTS

- **At least 21 years of age**
- **Must not be suffering from acrophobia (fear of height)**
- **Must possess a Certificate of Successful Completion (CSC) in Tower Crane Operation and a valid MOM Certificate of Registration for Tower Crane (Saddle Jib)**
- **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.

### 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).

### ADMINISTRATIVE DETAILS

Intake: Conducted on a regular monthly basis.

Duration: 4 days (8.30am to 5.30pm)

Training: 24 hours + Test/Assessment: 3.5 hours

Venue : BCA Academy, 200 Braddell Road

Fee (Inclusive of GST): **\$1,050.00** (without subsidy)

**\$559.34\*** (with Baseline funding)

**\$363.08#** (with Mid-Career Enhanced Subsidy)

*\*Skills Development Fund (SDF) funding is available for this course. BCA Academy will apply the funding for applicant through [www.tpgateway.gov.sg](http://www.tpgateway.gov.sg) (terms and conditions may apply).*

*#Mid-Career Enhanced Subsidy is eligible for Singaporean age 40 and above only. Individual applicant shall submit completed application form, last 3 month's pay slips, and payment together with NRIC for verification at BCA Academy. Applicant will be required to sign a declaration form for the subsidy.*

*Note: Course applicants may be eligible to receive course fee funding from government agencies subject to terms and conditions. If the applicant fails to fulfil the terms and conditions of the funding such as BCA Academy (BCAA) in unable to claim the funded portion of the course fee from the funding agency, the participant will be required to pay BCAA the funded portion of course fee that is no longer claimable by BCAA.*



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 **44003**