

The hydraulic excavator course provides training and practical hands-on operation in a range of excavation work processes. Those intending to operate the excavator or new excavator operators should attend this course.

Certificate of Successful Completion (CSC) recognised for hydraulic excavator operation

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Bridging the gap, Better skills for better life!



## **COURSE OBJECTIVE**

This course aims to equip both new and inexperienced workers with the knowledge and skills on the safe operation and basic maintenance of the hydraulic excavator.

# **COURSE CONTENTS**

Two third of the course will focus on practical excavator operations such as routine inspections, digging, trenching, backfilling, leveling, machine traveling, etc. The other onethird comprises classroom lectures. The course will cover the following topics:

- General knowledge of earthworks and surveying
- Principal components, power, and transmission systems of an excavator
- Daily inspection and weekly maintenance of the excavator
- Pre-start and shut-down procedures
- Trenching, ditching, and slope-cutting techniques
- How to maintain stability in operation
- Good practices for backfilling, traveling, and loading excavated materials onto the vehicle
- Safety requirements
- Interpret drawings, and calculate earth quantities, levels, slopes, and width of excavations.

#### **CERTIFICATION**

Participants have to attend at least 75% of the training session to be eligible to take the written and practical assessment. Those who successfully pass the course assessment will be awarded the E- Certificate of Successful Completion in Hydraulic Excavator Operation. CSC holders with at least 2 months of post-CSC site experience can register for the Skills Evaluation Certificate (K) test in Hydraulic Excavator Operation.

### **ENTRY REQUIREMENTS**

At least 18 years of age (🔨



Singaporean Citizens, Singapore (V) Permanent Residents, or holders of valid work permit

#### LANGUAGE OF INSTRUCTION

English (V)







**Duration:** 9-days Training / 8-hours Assessment

Time: 8:30 AM to 5:30 PM

Venue: 45 Sungei Kadut Loop Singapore 729495 /

101 Neythal Road Singapore 628589

**Course Fee: \$1,800.00** (without GST)

#### **CONTACT US**



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