



E-LEARNING

100% online. May include pre-recorded session, live streaming/webinar and discussion forum, where applicable.

ONLINE LEARNING VIA WEBINAR:

DATE: 15 & 16 Jun 2021

TIME: 9.00am to 5.30pm

DATE: 17 Jun 2021

TIME: 9.00am to 6.00pm

DELIVERY MODE: e-learning via webinar and BCAA Learning Management System (LMS)

COURSE ASSESSMENT

DATE: 2 Jul 2021

TIME: 9.00am to 10.00am

MODE: Online Assessment

FEE (incl of GST): S\$650.00

AWARD

An e-Certificate of Successful Completion (e-CSC) will be issued to participants who meet the class attendance and passed the online assessment.

CPD POINTS

PEB: -

Course on

Technical Requirements for Amusement Rides

INTRODUCTION

Amusement ride inspections play a critical role in developing, maintaining and conducting regular safety checks on the amusement rides to ensure the rides are safe for public rides.

OBJECTIVES

The course aims to provide an understanding of the general technical aspects of amusement rides including standards requirements, fundamental engineering concepts, operational risk assessment. This course also provides guidance on how to prepare and review a comprehensive Amusement Rides Safety Management System.

LEARNING OUTCOMES

At the end of the course, participants will be able to:

- describe the various Rides Standards and Non-destructive Testing Standards
- explain the differences between statics and dynamics in mechanics fundamentals
- select the appropriate fastening devices and welding requirements
- compute an operational risk assessment
- prepare a comprehensive report in Amusement Rides Safety Management System

CONTENTS

- Overview of the types of Rides Standards
- Mechanics Fundamentals: Statics and Dynamics
- Amusement Rides Fastening Devices
- Welding Requirements
- Electrical Theory
- Electrical Machines
- Non-Destructive Testing Standards
- Risk Assessment
- Amusement Rides Safety Management System

SPEAKERS

Speakers from BCA and industry experts in amusement rides engineering, including:

- **Er. Hashim Bin Mansoor**, Director, Engineering and Technology Department, BCA
- **Er. Tan Kee Chong**, Director, Investigation and Enforcement Department, BCA
- **Er. Justin Tai**, Deputy Director, Investigation and Enforcement Department, BCA
- **Er. Chan Chee Kong**, Director, NEXCO Enterprise
- **Er. S. Yogeewaran**, Managing Director, CASY Consultancy Services
- **Er. Lee Soo Hui, Winson**, Principal, WL Engineering & Inspection Services
- **Er. Siew Seng Yeow**, Senior Engineer, Engineering and Technology Department, BCA
- **Er. Chee Yao Hui**, Senior Engineer, Engineering and Technology Department, BCA
- **Mr. Lakshmanan Raja**, Senior Engineer, Investigation and Enforcement Department, BCA

TARGET AUDIENCE

Existing and potential Ride Managers, Engineers, Supervisors and Technicians working in the amusement rides sub sector. Other professionals who wish to gain knowledge on amusement rides safety guidelines and requirements are welcome to attend.



REGISTRATION

To register, please log into our Online StoreFront (OSF) at <https://eservices.bcaa.edu.sg/registration/#/> Login or scan QRcode and search for course code **80070**