

Road Safety Audit and Engineering - Ten Day Programme



Overview

The Transport Department of Hong Kong has introduced a Road Safety Audit chapter (Vol 5 Chapter 7) to the Transport Planning and Design Manual (TPDM): an updated Manual was released in April 2019. This road safety audit requirement has now become a key part of the Transport Department's requirements for new public road projects carried out by government departments. For minor public road works scheme where there is little or no impact on road user behaviours, they may be exempted, if justifications are agreed by Transport Department.

Our ten day course programme comprises a wide range of lectures, workshops, assessment exercises and practical site visits over the two weeks.

All delegates completing this course will receive a CPD certificate of attendance, endorsed by The Chartered Institute of Logistics and Transport (CILT UK). This certificate will comply with existing Transport Department training requirements for 10 days formal training for Road Safety Auditors as stated in TPDM Vol 5 Chapter 7.

Road Safety Audits can only be undertaken on highways by properly trained and experienced staff.

Learning Outcomes

On completion of the course, delegates will:

- Be acquainted with the causes of accidents/collisions
- Be acquainted with collision/accident and statistical analyses
- Have an understanding of the holistic roles of engineering, education and enforcement in addressing road safety
- Be aware of the types of safety audits including cycle, non-motorised and motorised users
- Be aware of the safety audit stages and process including the roles and responsibilities of all involved
- Understand how to write and present audit reports
- Be involved in practical site investigations and mitigation measures
- Be aware of the latest developments in the revision of TPDM Vol 5 Chapter 7 to project sponsors, designers and road safety auditors
- Have an understanding of road safety audit standards from international good practices

Who should attend

The course is designed for those who require a solid, comprehensive understanding of the theory and practice of road accident/collision investigation and prevention and those who would undertake road safety audits. This course is designed for engineers, planners, and technicians with a minimum of 2 years' experience in road safety engineering or accident/collision investigations and working in local authorities, consultancies, the Transport Department or executive agencies. It is also suitable for road safety officers, police and Armed Forces personnel and other professionals concerned with road safety but have limited or no experience of road safety auditing activities.

Programme*

Day One - Introduction and Learning Objectives

Overview of course; Introduction to collision problems; Road safety policies; Education, enforcement and engineering; Road safety strategy; Establishing process and procedures

Day Two - Accident/Collision Analysis

Causation and contributory factors; Road casualty data; Principles of road safety engineering

Day Three - Statistical Analysis

Estimating collision costs, savings including worked examples; Site specific analysis; Conflict analysis; Conflict study; Collision saving and Economic evaluation

Day Four - Road Safety Engineering

Site visits; Site investigation - accident remedial measures; Route assessment - route assessment measures; Area wide assessment - mass action safety measures; Effectiveness of measures

Day Five - Local Case Study

Case Study facts and figures; Site inspections; Group exercises - Collision analysis, statistical analysis, scheme development, presentation of road safety engineering schemes

Day Six - Introduction to Road Safety Audit

Overview of road safety audit; International best practice; Process and procedures; Checklists and report structure; Examples of common issues

Day Seven - Stages of Safety Audit - Group Exercises

Stages - Feasibility, Preliminary Design, Detailed Design, Pre-Opening, Construction, Post Opening - 12-month and 36-month period; Presentation of safety engineering schemes developed in Week One

Day Eight - Road Safety Auditing - Group Exercises

Groups undertake a Road Safety Audit of each other's scheme including site visit, report writing and presentation and group presentations

Day Nine - Review and Feedback

Next Stage: Designers Response; Exception Reports; Statutory Procedure

Day Ten - Road Safety Audits for Different Types of Non-Motorised Users

Audits for active travel and non-motorised vehicles; Review of Case Study Examples - undertaking road safety assessments, common issues and common recommendations; Open discussions

* Please note that this is a preliminary programme and is subject to change

Road Safety Audit and Engineering - Ten Day Programme

Registration Form

Title	First Name	Surname
Position		
Organisation	Department	
Email		
Telephone		
Address		Post Code
Dietary or access requirements		

Attendance Fees (Please write amount)

Standard Rate _____ + VAT CILT/Local Authority/Charity Rate _____ + VAT

Method of Payment

Card Number	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	CSV Code	<input type="text"/>	Expiry Date	<input type="text"/>
Card Holder's name and address (if different from above)															
Post Code								Purchase Order Number							

Invoice	<input type="checkbox"/>	Invoice name and address (if different from above)
Please attach a copy of your purchase order made payable to PTRC		

Cheque Enclosed for £ _____ made payable to PTRC

Signature Authorisation I have read and accept the terms and conditions

Name Signature

Date

Please return form to
PTRC Education & Research Services Ltd
22 Greencoat Place, London SW1P 1PR
T: 020 7348 1970 E: info@ptrc-training.co.uk

VAT Registration: GB 657355313
Bank: Barclays PLC
Sort Code: 20-45-77
Account No: 50536466



Terms & Conditions

1 Registration Form Applications should be made on the official registration form. Photocopies are accepted. One form should be completed for each delegate attending the event. It is important that all sections are completed legibly. Delegates are advised to retain a copy of the registration form for reference before sending. **2 Fee** Fees include attendance at lectures, lecture notes, lunch and all refreshments unless otherwise indicated. Fees do not include overnight accommodation, breakfast and evening meals unless stated. **3 Acknowledgement** Receipt of a registration form will be acknowledged by email, delegates will be sent an invoice and an email of acknowledgement. Joining instructions, including a map, will be sent to each delegate by email approximately one week before the start of the event. **4 Payment** Unless otherwise stated payment in full must be made at the time of booking. All prices are exclusive of VAT, unless stated otherwise. **5 Cancellation** All cancellations, or alterations to a booking, must be received in writing. To avoid cancellation penalties, substitutes will be accepted at any time, if notified in writing and in advance of the event. Adjustments in fees will be made if there is any change in fee category. Cancellations received in writing up to 7 days before an event will be subject to an administration fee of £75 + VAT or the event delegate fee whichever is the lower. Cancellation within 7 days of the event date or a 'no show', will be liable for the full fee. **6 Disclaimer** PTRC reserves the right to vary the programme and to cancel an event if it is under subscribed or for any other reason. In the event of cancellation, where reasonably possible, PTRC aims to give delegates at least one weeks' notice and the fee will be refunded in full. PTRC will not be held liable for any pre-booked travel, accommodation or similar costs incurred under any circumstances whatsoever. **7 Data Protection** Details will be held on a database in accordance with the 1998 Data Protection Act. Information will be used for internal marketing purposes only and will not be shared with any external organisations.