

Advanced Road Safety Audit and Engineering



Overview

This two-day course will provide information updates on recent statistics and research, publications and standards relevant to road safety audit and assessment, and experience of new audit areas using case studies and examples. Delivery of the programme will consist of taught sessions, practical workshops via breakout rooms, and discussion sessions.

Day One reflects on current road safety practices adopted in the UK; it covers the emerging area of active travel looking at impact of electric mobility devices and their impact on road safety. The course provides a review of Road Safety Assessments and how these are prepared and presented on existing schemes, the methodology and structure of the report together with practical examples.

Day Two covers international Road Safety Audit and Assessment practice; with a focus on recent innovations including 'Star ratings for Road Safety Audit', review relating to trams and public transport and economic evaluation. It will include road safety of traffic management measures and safety auditing of major events providing practical guidance on how to structure the report. As experienced road safety auditors a review of the designers response, in accordance with national and local standards, will be covered.

Learning outcomes

On completion of the course, delegates will:

- be acquainted with the latest statistical collision data
- have an understanding of undertaking road safety audits on different Active Mode schemes
- have an understanding of Road Safety Assessments, their role, structure and importance preparation, structure
- be aware of the safety audit process, the role and responsibilities of those involved
- have an understanding of the differences in road safety principles and practices worldwide
- an understanding of the road safety issues associated at major events
- understanding of road safety in temporary traffic management

Who should attend

The course is designed for experienced road safety auditors required to maintain their annual CPD training and continue to undertake road safety audits in the UK. It is also for road safety professionals who wish to enhance and update their knowledge of road safety engineering issues. This course qualifies as the annual two day CPD required.

Course Programme

UK Road Safety: Review of recent published UK crash data; What does the data tell us about road safety problems in the UK? Discuss current topical issues in Road Safety including 'Inclusive Design'; Increase in cycle infrastructure and electric mobility devices.

Road Safety and Active Modes Schemes: Outline different modes of active travel – cycling, walking, e-mobility (mobility health scooter); Review common road safety aspects with reference to overarching legislation, applicable design guidance and cases studies; Evolving and emergence of electric mobility devices and their impact on road safety.

Road Safety Assessments: Determine when to undertake a Road Safety Assessment, what information is required and how to structure a report to present the findings. Review best practice guidance with reference to applicable design guidance and cases studies.

Road Safety Audit Reporting Practical – Review of practice: Review of the GG119 Standard stated requirements. Review examples from Road Safety Audit reports, inferences on formats to adopt and consider what might constitute good or sub-optimal practice.

Delegates will work in 'breakout groups' to undertake a practical workshop.

Day Two

International Road Safety Update: Review of international Road Safety practice and concerns. Covering trends, topical matters, and recent innovations; notably 'Star Ratings for Road Safety Audit'. Economic evaluation of conceptual junction options. Review of road safety audits relating to Trams and Public Transport.

Road Safety Practice at Events:

Review road safety practice relating to permanent and temporary traffic management interventions typically implemented at large scale sports gatherings and other types of events (concerts, etc). This session will draw upon experiences from recently held international events.

Road Safety Audit Response Reporting Practical – Review of practice: Review of the GG119 Standard stated requirements, of examples from reports to where imprecise wording of problems and recommendations have led to incorrect interpretation of road safety concerns. Review and understanding of Road Safety Audit Designers Log.

Delegates will work in 'breakout groups' to undertake a practical workshop.

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

