

The Evolution of Road Safety Auditing in Western Australia



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IPWEA – MRWA Road Safety Audit Panel

Objective of the panel is to promote a safer road environment for all road users in Western Australia through road safety engineering expertise.



Issues



- There were not enough courses being held to meet demand
- Courses were labour intensive requiring a number of experienced presenters
- Safe System Principles were not being reflected in audits
- Road safety audits not automatically included in the scope of a road project.
- There were concerns/complaints over the standard of audit reports being produced by accredited auditors
- Lack of understanding of why road safety audits are needed in development
- Projects were being constructed that introduced further road safety issues instead of solving them.

Improvements



- The Road Safety Audit Portal
- Online Road Safety Audit training
- Tightening of accreditation requirements
- The introduction of Continuous Professional Development (CPD) requirements to maintain accreditation
- Online Road Safety Engineering Course
- Creation of Road Safety Audit report and brief templates
- Inclusion of Safe System principles
- Policy updates
- The development and promotion of stronger Road Safety Audit Policies in Government Agencies

Road Safety Audit Course Classroom



Road Safety Audit Course Practical



Online Road Safety Audit Course

Traffic Management for Roadworks

22



Checklists and Practical Application

21



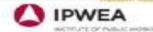
Writing a Road Safety Audit Report

20



Legal Issues

23



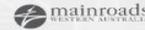
Road Safety Audit Portal

Your login status/name: Not logged in

08 9321 5740

rsaudits@ipwea.asn.au

ROAD SAFETY AUDIT PORTAL



Register

Login

HOME

AUDIT REPORT REGISTRATION

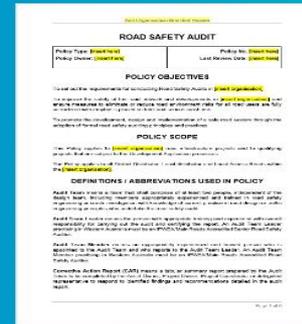
ACCREDITED AUDITORS

BECOME A ROAD SAFETY AUDITOR

TRAINING AND DEVELOPMENT

Austrroads Road Safety Audit policy template for Local Government

The new Austrroads Guide to Road Safety Part 6: Managing Road Safety Audits highlights the importance for Local Governments to develop a road safety audit policy. To assist Local Governments to develop a policy Austrroads has produced a road safety audit policy template that is endorsed by WALGA and is supported by the Road Safety Audit Panel. Click on the image to access the template and for more information click here



www.road-safety-audit-wa.org

Road Safety Portal – Logged In

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ROAD SAFETY AUDIT PORTAL

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 Last visit date: 19 August 2019

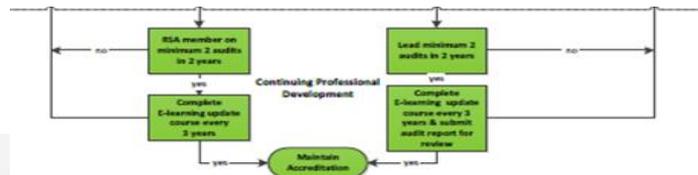
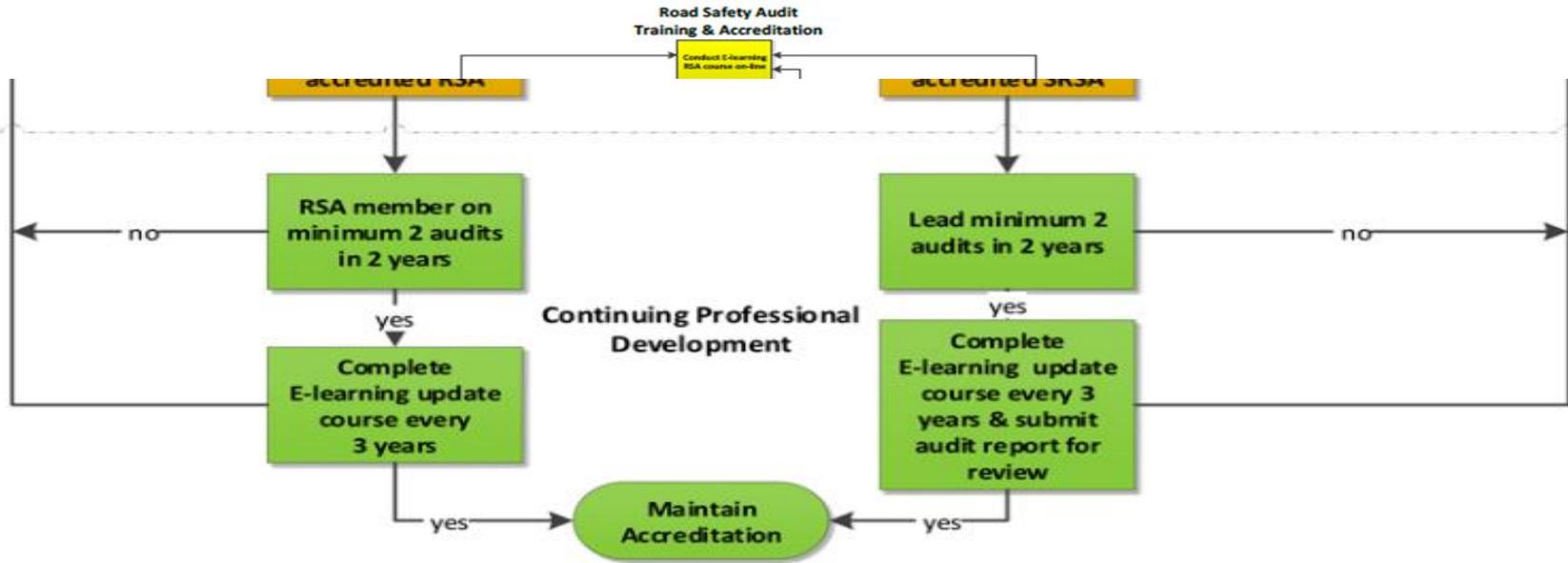
Auditor Information

Auditor Status	Senior Road Safety Auditor
Username (usernames must not include a...)	brosztl
Organisation	City of Melville
Auditor number	142 (S)
Registraton as Auditor	17.03.05
Initial RSA Registration Date	0004-12-03
Initial Number	128
Auditor Location	Metropolitan
LG Area	City of Perth
Days Left for CPD Update Course	762
Team Leader in Audits:	6

Original Accreditation Model

- 5 years' experience in Civil Engineering, traffic engineering, crash investigation and/or Road safety engineering.
- Team member in at least 5 Road Safety Audits led by accredited senior road safety audit
- Lead one RSA under the mentorship of an accredited Snr road safety auditor
- No CPD requirement
- No need to audit

Accreditation Flow Chart



Senior RSA accreditation requirements

- ✓ Have a minimum of five years' recent crash investigation or road safety engineering experience.
- ✓ Knowledge of current practice in road design or traffic engineering principles.
- ✓ Have been an Audit Team Member on at least five road safety audits within the previous two years under the guidance of an accredited Senior Road Safety Auditor. Audits must be either: Feasibility, Preliminary Design, Detailed Design or Pre-Opening stage audits.

Senior RSA accreditation requirements

- ✓ Have successfully completed the WA Road Safety Engineering – Treatment of Crash Locations training course, or a recognised equivalent Australian / New Zealand training course within the previous five years, OR be a current practising WA accredited Road Safety Auditor.
- ✓ Have successfully completed the WA Road Safety Audit training course, or a recognised equivalent Australian / New Zealand training course within the previous five years, OR be a current practising WA accredited Road Safety Auditor.
- ✓ Have led a Road Safety Audit Team within Australia under the guidance of an Independent Mentor who is an accredited Senior Road Safety Auditor.

Database of Accredited Auditors

Before

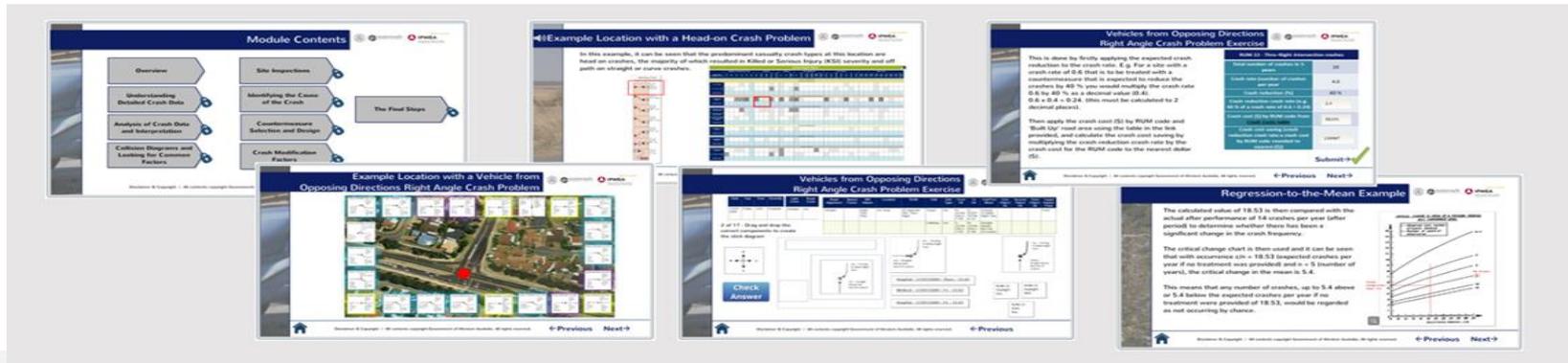
110 Senior Road Safety Auditors
116 Road Safety Auditors

Now

47 Senior Road Safety auditors
36 Road Safety Auditors
132 Road Safety Audit Trainees



Online Road Safety Engineering Course



Online Road Safety Engineering Course

- Based on Austroads Guide to Road Safety Part 8: Treatment of Crash Locations
- 10 interactive competency assessed, easy to navigate modules
- Flexible online course delivery via Road Safety Audit Portal
- Assists identify and develop Federal and State funded Black Spot Projects
- Resources provided for all module content

MRWA Policy Review

- A review of key definitions
- Clearer policy application and warrants
- Audit Team Composition
- Minimum audit Team composition in WA is :
 - Accredited Senior Road Safety Auditor; and
 - At least one accredited Road Safety Auditor.
- Audit templates
- Safe system findings
- Including Control Data in road safety audits.



Benefits of a Policy

- Emphasises the City's commitment to improving road safety
- Provides direction to City Officers on Road Safety Auditing
- Ensures Road Safety Audits are part of the design process
- Provides direction to external agencies such as developers
- Provides a consistent approach across the organisation

Policy Template

ROAD SAFETY AUDIT

Policy Type: [insert here]	Policy No. [insert here]
Policy Owner: [insert here]	Last Review Date: [insert here]

POLICY OBJECTIVES

To set out the requirements for conducting Road Safety Audits in **[insert organisation]**.

To improve the safety of the road network and developments in **[insert organisation]** and ensure measures to eliminate or reduce road environment risks for all road users are fully considered with emphasis placed on fatal and serious crash risk.

To promote the development, design and implementation of a safe road system through the adoption of formal road safety auditing principles and practices.

POLICY SCOPE

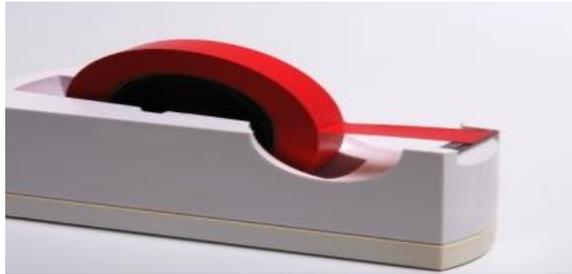
This Policy applies to **[insert organisation]** road infrastructure projects and to qualifying projects that are subject to the Development Application processes.

The Policy applies to all District Distributor, Local distributor and Local Access Roads within the **[insert organisation]**.

DEFINITIONS / ABBREVIATIONS USED IN POLICY

Audit Team means a team that shall comprise of at least two people, independent of the design team, including members appropriately experienced and trained in road safety engineering or crash investigation with knowledge of current practice in road design or traffic engineering principles who undertake the road safety audit.

Some concerns



Why conduct Road Safety Audits?

- Can reduce the likelihood of crashes at the site and adjacent network
- Reduce severity of crashes
- Road safety is given a greater prominence in the minds of designers
- Reduce the need for expensive remedial work
- Reduces total cost of a project to the community, over the whole life of the project including cost of crashes disruption and trauma

Here's Why!



<https://www.road-safety-audit-wa.org/>

