



BEM REGISTRATION OF ROAD SAFETY AUDITORS

Presented by:
Ir. Hj Anuar Bin Mohd Aris

Disclaimer: This slide is property of BEM and the information cannot be used as official statement from BEM. The information is only valid on the date of its establishment and you may refer to BEM for new update.

BEM REGISTRATION OF ROAD SAFETY AUDITORS



CONTENT

1.0 BACKGROUND

2.0 ROAD SAFETY AUDIT

3.0 CURRENT ROAD SAFETY ISSUES

4.0 BEM ROAD SAFETY AUDITOR REGISTRATION

Disclaimer: This slide is property of BEM and the information cannot be used as official statement from BEM. The information is only valid on the date of its establishment and you may refer to BEM for new update.

BEM REGISTRATION OF ROAD SAFETY AUDITORS



1.0 BACKGROUND

In 1985 – Improvement of Road Traffic Accident Recording and Analysis System in Malaysia published by UN ESCAP

In 1990 – Embarked on Road Accident Reduction Program targeting 30% Reduction by 2000 (3E's Approach : Education, Engineering and Enforcement)

In 1994 – JKR Road Branch introduced Road Safety Auditing. Made mandatory for all new road implemented under the 7th Malaysian Plan (1996-2000)

In 1997 – JKR set up Road Safety Section to enhance and coordinate road safety activities.

Published the Guidelines for the Safety Audit of Roads in Malaysia

In 2000 – JKR started to undertake certification of Road Safety Auditor

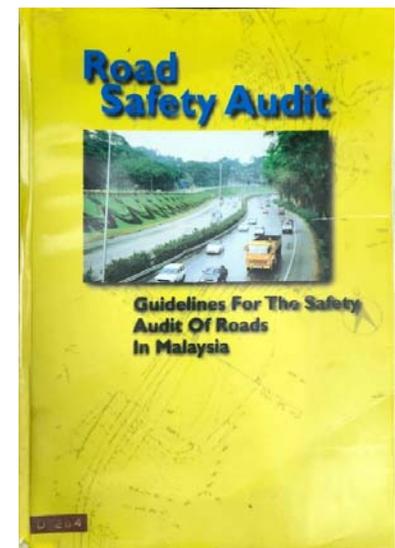
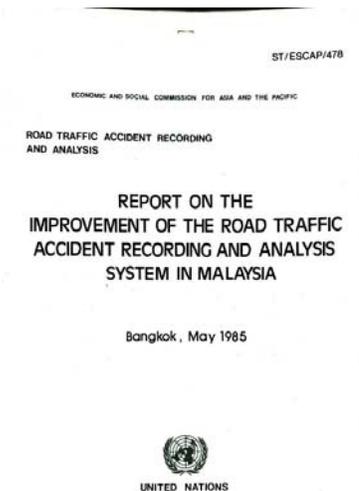
Disclaimer: This slide is property of BEM and the information cannot be used as official statement from BEM. The information is only valid on the date of its establishment and you may refer to BEM for new update.

2

BEM REGISTRATION OF ROAD SAFETY AUDITORS



Local Publications



Disclaimer: This slide is property of BEM and the information cannot be used as official statement from BEM. The information is only valid on the date of its establishment and you may refer to BEM for new update.

3

BEM REGISTRATION OF ROAD SAFETY AUDITORS



International Publications

- Road Safety Audit, HD19/03, forming part of the UK Design Manual for Roads and Bridges, November 2003;
- FHWA Road Safety Audit Guidelines, Publication No. FHWA-SA-06-06, 2006;
- Institution of Highways and Transportation, Road Safety Audit, October 2008;
- Austroads, Guide to Road Safety Part 6: Road Safety Audit, Austroads publication No. AGRS06/09, January 2009;
- Road Directorate, Ministry of Transport, Denmark; Manual of Road Safety Audit, 2nd edition, 1997;
- Road Safety Audit for Roads: An Operational Tool Kit, Asian Development Bank, Manila, June 2003;
- PIARC Technical Committee on Road Safety (C13) Road Safety Manual, Version 1, 2003;
- Road Safety Audits, National Roads Authority, Ireland, July 2004;
- Department for Transport, Manual for Streets, First edition, 2007, and
- Road Safety Audit Manual for Dubai, Draft First edition, 2008.
- Manual of Road Safety audit – Denmark (1997)
- Road Safety Audit Guidelines – University of New Brunswick (1999)
- Safety Audit Handbook – Turkey (2001)
- Manual of Road Safety Audit – Ghana (2002)
- Guide d’Audit –Sécurité des Infrastructures Routières – Maroc (2003)
- Road Safety Audit Manual – Uganda (2004)
- Road Safety Audit Manual (Draft) – Federal Democratic Republic of Ethiopia (2004)
- FHWA Road Safety Audit Guidelines (2006)
- Manuel d’Intégration de la Sécurité Routière aux Projects Routiers - Benin (2007)
- Manuel d’Intégration de la Sécurité Routière aux Projects Routiers – Maroc (2007)
- Road Safety Audit Guidelines – Chartered Institute of Highways and Transportation UK (2008)
- Guide to Road Safety - Part 6 Road Safety Audit Austroads (2009)
- A Guide to Road Safety Auditing v7 – United Republic of Tanzania (2009)
- Design Manual for Roads and Bridges Part 1b) Road Safety Audit - Kenya (2009)
- Manual on Road Safety Audit – Indian Roads Congress (2010)
- Consultancy Services for Road Safety Audit of the Main Road Network Final Report – Mozambique (2010)
- Safety Manual for Secondary Roads – Pilot4Safety (2010)
- Road Safety Audit Guidelines for Safety Checks on New Projects - PIARC (2011)
- Safety Audit Manual – Idaho (2011)
- South African Road Safety Audit Manual (2nd Edition) – South Africa (2012)
- Guidelines for Mainstreaming Road Safety in Regional Trade Corridors – SSATP (2013)
- Guidelines for Road Safety Audit Karnataka (2013)
- Road Safety Audit Procedures for Projects – Interim Release New Zealand (2013)
- Road Safety Engineering for Indonesian Roads (pg. 98-123) (2013)
- AfDB Road Safety Manuals for Africa -New Roads and Schemes: Road Safety Audit (2014)
- Regional Road Safety Audit Guidelines – TRACECA (2014)
- Road Safety Engineering Manual -Draft - Malawi (2014)
- Design Manual for Roads and Bridges HD 19/15 Road Safety Audit – UK (2015)
- CAREC Road Safety Engineering Manuals – 1. Road Safety audit (2017)

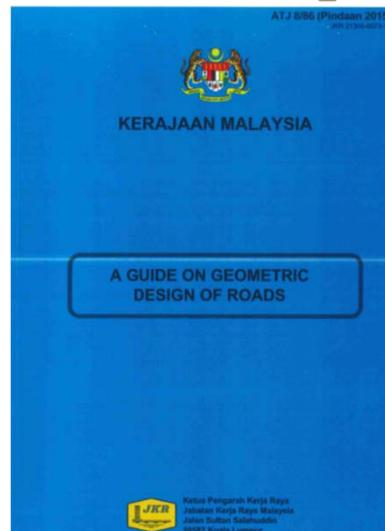
Disclaimer: This slide is property of BEM and the information cannot be used as official statement from BEM. The information is only valid on the date of its establishment and you may refer to BEM for new update.

BEM REGISTRATION OF ROAD SAFETY AUDITORS



1.2 Roles And Responsibilities

- Road Designer :** To produce road design according to the Guideline and best engineering practice with adherence to road **safety requirements** and taking into account of social, environmental and traffic impact to the surrounding area, with due consideration of cost implication to the client.
- Design Checker :** To verify road design follows the Guideline and best engineering practice inclusive of **road safety** requirements, taking into account of the social, environmental and traffic impacts to the surrounding area.
- Independent Checker:** Third party to recheck and verify road design follows the Guideline and best engineering practice, inclusive of **road safety requirements**, without being biased towards any party.
- Road Safety Auditor :** To ascertain that the road design takes into consideration the road safety requirements and the incorporation of mitigation measures required due to circumstances which may compromise certain aspects of the design due to some constraints.



Disclaimer: This slide is property of BEM and the information cannot be used as official statement from BEM. The information is only valid on the date of its establishment and you may refer to BEM for new update.

BEM REGISTRATION OF ROAD SAFETY AUDITORS



2.0 ROAD SAFETY AUDIT

RSA is a **formal process** of examination of the detail of a new project or of an existing road, to identify the accident potential and expected safety performance of the project (or road)

RSA is an accident prevention technique

RSA have the aim :

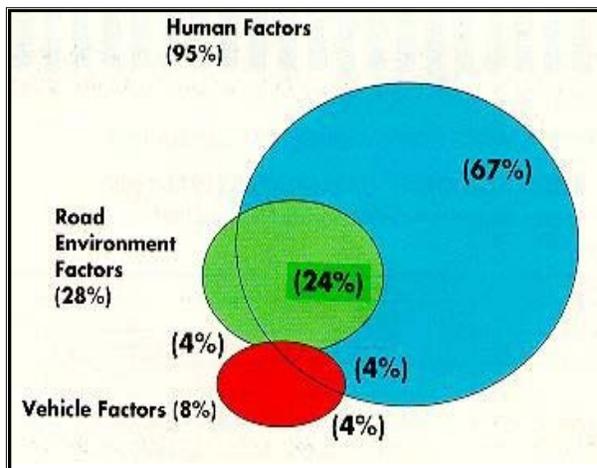
‘Getting It Right The First Time’

ROAD SAFETY AUDIT (RSA) Goal :

- Ensure roads provide highest **Practicable Standard** of traffic safety for **ALL** road users.

Disclaimer: This slide is property of BEM and the information cannot be used as official statement from BEM. The information is only valid on the date of its establishment and you may refer to BEM for new update.

BEM REGISTRATION OF ROAD SAFETY AUDITORS



FACTORS CONTRIBUTING TO TRAFFIC ACCIDENTS

SOURCE : AUSTROADS (1994)

Disclaimer: This slide is property of BEM and the information cannot be used as official statement from BEM. The information is only valid on the date of its establishment and you may refer to BEM for new update.

BEM REGISTRATION OF ROAD SAFETY AUDITORS



Who is a Road Safety Auditor?

Specialist Person (or Team), Qualified and Experienced in Road Safety Management, with good background knowledge of Road Design and Traffic Management.

- **A good understanding of the ‘Human Factors’ associated with traffic operations, Good conceptual skills, to be able to “visualize” the project from the plans, as the driver will see it.**
- **Independence from the original planners, designers or ‘builders’.**

A practicing professional with experience and capabilities in road design, traffic engineering, traffic / transport management, road construction techniques, road safety engineering, road user behaviour or another closely related road safety discipline, who is qualified to undertake road safety audits and has recent and regular demonstrated experience in conducting road safety audits.

Disclaimer: This slide is property of BEM and the information cannot be used as official statement from BEM. The information is only valid on the date of its establishment and you may refer to BEM for new update.

9

BEM REGISTRATION OF ROAD SAFETY AUDITORS



Stages of RSA under JKR Guidelines

Five (5) Stages generally adopted for new projects but this may depend on the project size, complexity and / or resources available.

- | | |
|---|------------------------|
| * Planning/Feasibility Stage | (Stage 1 Audit) |
| * Draft/Preliminary Design Stage | (Stage 2 Audit) |
| * Detailed Design Stage | (Stage 3 Audit) |
| * Pre - Opening | (Stage 4 Audit) |
| * Existing Roads In Operation | (Stage 5 Audit) |

Disclaimer: This slide is property of BEM and the information cannot be used as official statement from BEM. The information is only valid on the date of its establishment and you may refer to BEM for new update.

9

BEM REGISTRATION OF ROAD SAFETY AUDITORS



Who Implements RSA?

- Needs an organisational commitment to road safety objectives. (JKR, LLM, Local Authorities)
- Need for objective in decision making,
- Authority to make decision on the necessary action,
- Accountability for the outcome.

Disclaimer: This slide is property of BEM and the information cannot be used as official statement from BEM. The information is only valid on the date of its establishment and you may refer to BEM for new update.

BEM REGISTRATION OF ROAD SAFETY AUDITORS



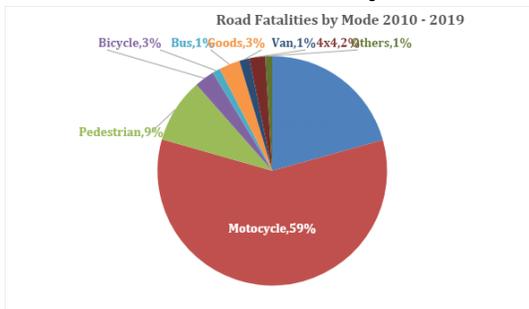
ACTION	RESPONSIBILITY
Step 1. Preparing Audit Brief; Appointing the Auditor(s), Appointing the Independent Assessor.	Client / Designer / Construction Manager
Step 2. Assembling Background; Information, Plans to be audited	Client / Designer / Construction Manager
Step 3. Initial Meeting with Auditor (s); Handing over of plans etc for audit; Discussions; arrangement for inspections etc.	Client / Designer / Construction Manager
Step 4. Doing the Audit, examining the plans, site inspections etc.	Auditor (s)
Step 5. Preparing the Audit Report	Auditor (s)
Step 6. Completion Meeting (if required), Presentation and discussion of Audit Findings.	Client / Designer / Auditor / Authority
Step 7. Deciding the action required on the Audit findings	Client / Designer / Auditor / Authority

Disclaimer: This slide is property of BEM and the information cannot be used as official statement from BEM. The information is only valid on the date of its establishment and you may refer to BEM for new update.

BEM REGISTRATION OF ROAD SAFETY AUDITORS



3.0 Current Road Safety Issues



The highest road fatalities (59 percent) are coming from motorcyclists, while 21 percent of fatalities are attributed to passenger cars among various road users



<https://www.mot.gov.my/en/land/safety/malaysia-road-fatalities-index>

Disclaimer: This slide is property of BEM and the information cannot be used as official statement from BEM. The information is only valid on the date of its establishment and you may refer to BEM for new update.

BEM REGISTRATION OF ROAD SAFETY AUDITORS



1.35 mil deaths and 50 mil injuries worldwide/yr, (90% of the reported death in developing countries.)

Place burden on health systems and other services

Affects communities and individuals.

World Bank statistics, in low-and middle-income countries (LMICs) alone, deaths and serious injuries cost economies 1.7 tri dollars and over 6.5% of GDP.

UN 2030 Agenda for Sustainable Development recognizes that road safety is a prerequisite to ensuring healthy lives, promoting well-being, and making cities inclusive, safe, resilient, and sustainable.

UN Decade of Action for Road Safety 2011–2020 goal : stabilize and reduce traffic deaths

UN 2nd Decade of Action for Road Safety 2021-2030 goal : to reduce road traffic deaths by 50%

Disclaimer: This slide is property of BEM and the information cannot be used as official statement from BEM. The information is only valid on the date of its establishment and you may refer to BEM for new update.

BEM REGISTRATION OF ROAD SAFETY AUDITORS



402,626 road accidents recorded in Malaysia from Jan-Sept 2022, with 4,378 fatalities – PDRM statistics.

As shared by Transport Minister Anthony Loke, a total of 915,874 road accidents were recorded throughout 2021 and 2022.

In 2022 alone, there were a total of 545,588 road accidents reported and a total of 6,080 deaths.

That's an average of 1,494 accidents per day or an accident every minute in Malaysia.



Disclaimer: This slide is property of BEM and the information cannot be used as official statement from BEM. The information is only valid on the date of its establishment and you may refer to BEM for new update.

15

BEM REGISTRATION OF ROAD SAFETY AUDITORS



Based on value of statistical life' (VSOL) year of 2018 by MIROS, the Malaysian government has lost at least 3.12 million for each life.

Malaysia Road Safety Plan 2014-2020

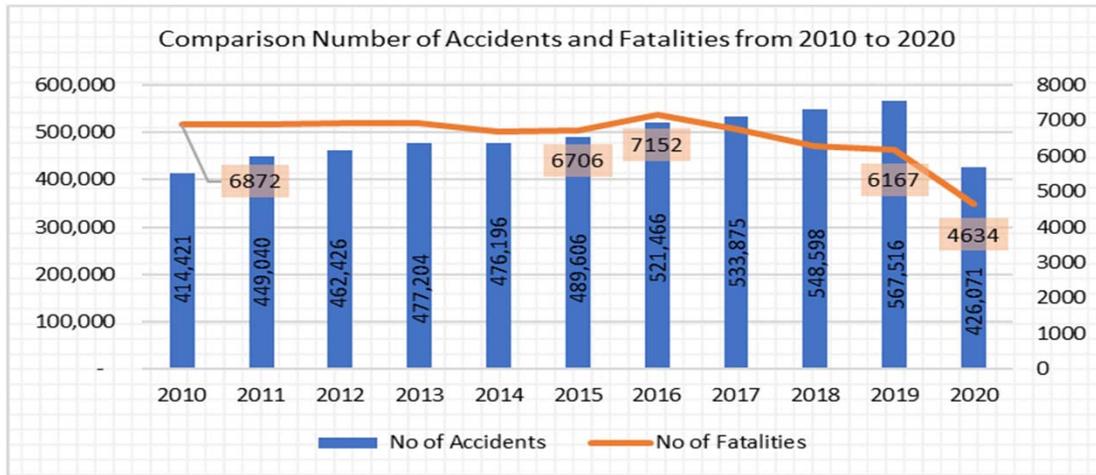
Set target of reducing 50% road accident fatalities from projected 10,716 fatalities in 2020 to 5,358 fatalities

Malaysia Road Safety Plan 2014-2020, we have successfully recorded a reduction rate of 4.8% yearly in terms of the number of fatalities from road traffic crashes.

Disclaimer: This slide is property of BEM and the information cannot be used as official statement from BEM. The information is only valid on the date of its establishment and you may refer to BEM for new update.

16

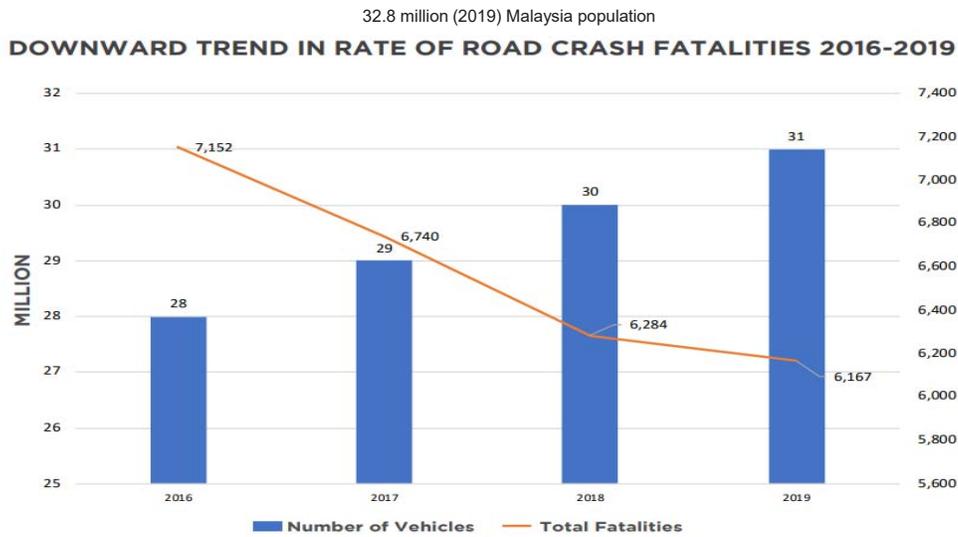
BEM REGISTRATION OF ROAD SAFETY AUDITORS



Source : <https://www.mot.gov.my/en/land/safety/road-accident-and-facilities> MIROS

Disclaimer: This slide is property of BEM and the information cannot be used as official statement from BEM. The information is only valid on the date of its establishment and you may refer to BEM for new update.

BEM REGISTRATION OF ROAD SAFETY AUDITORS



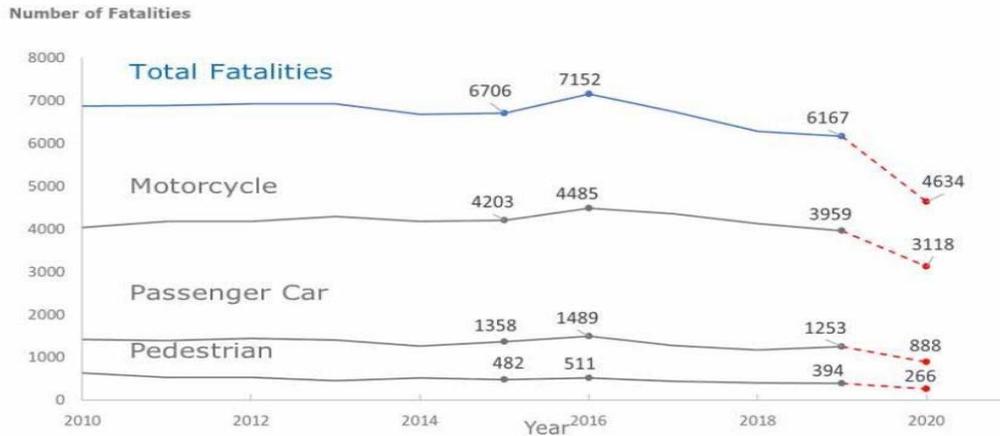
Source : MALAYSIA ROAD SAFETY PLAN 2022-2030

Disclaimer: This slide is property of BEM and the information cannot be used as official statement from BEM. The information is only valid on the date of its establishment and you may refer to BEM for new update.

BEM REGISTRATION OF ROAD SAFETY AUDITORS



FATALITIES DUE TO ROAD CRASHES



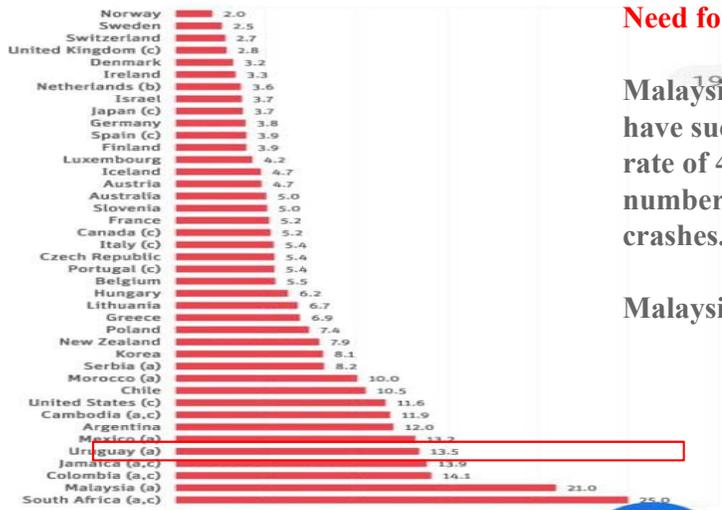
Source : MALAYSIA ROAD SAFETY PLAN 2022-2030

Disclaimer: This slide is property of BEM and the information cannot be used as official statement from BEM. The information is only valid on the date of its establishment and you may refer to BEM for new update.

BEM REGISTRATION OF ROAD SAFETY AUDITORS



Road fatalities per 100 000 inhabitants 2017 or latest available



Need for continuation of efforts

Malaysia Road Safety Plan 2020-2030, we have successfully recorded a reduction rate of 4.8% yearly in terms of the number of fatalities from road traffic crashes.

Malaysia 2024 @ 22 per 100k

Data for 2017 is provisional.
(a) Data as provided by the countries and not validated by IRTAD.
(b) Real data (actual numbers instead of reported numbers by the police).
© 2018, World Bank

BEM REGISTRATION OF ROAD SAFETY AUDITORS



402,626 road accidents recorded in Malaysia from Jan-Sept 2022, with 4,378 fatalities – PDRM statistics.

As shared by Transport Minister Anthony Loke, a total of 915,874 road accidents were recorded throughout 2021 and 2022.

In 2022 alone, there were a total of 545,588 road accidents reported and a total of 6,080 deaths.

That's an average of 1,494 accidents per day or an accident every minute in Malaysia.



Disclaimer: This slide is property of BEM and the information cannot be used as official statement from BEM. The information is only valid on the date of its establishment and you may refer to BEM for new update.

21

BEM REGISTRATION OF ROAD SAFETY AUDITORS



Based on value of statistical life' (VSOL) year of 2018 by MIROS, the Malaysian government has lost at least 3.12 million for each life.

Malaysia Road Safety Plan 2014-2020

Set target of reducing 50% road accident fatalities from projected 10,716 fatalities in 2020 to 5,358 fatalities

Malaysia Road Safety Plan 2014-2020, we have successfully recorded a reduction rate of 4.8% yearly in terms of the number of fatalities from road traffic crashes.

This trend needs to continue

Disclaimer: This slide is property of BEM and the information cannot be used as official statement from BEM. The information is only valid on the date of its establishment and you may refer to BEM for new update.

22

BEM REGISTRATION OF ROAD SAFETY AUDITORS



4.0 BEM Road Safety Auditor Registration

Road Safety Audits are a pro-active approach to road safety management that also includes accident investigation and safety ratings of roads by the relevant road agencies and local authorities and revising safety standards / regulations.

Dec 2011 – BEM agreed in principle to undertake to be the accrediting body for RSA

Feb 2021 – BEM setup RSA WG consisting of members from relevant BEM committees and JKR. THE WG was to formulate the appropriate criteria and procedure for the accreditation and registration of Road Safety Auditor
(JKR has a total 45 Certified Road Safety Auditor since 2000)

A Road Safety Auditor must be Registered with the BEM effective : 1st August 2023.
(JKR certified auditors were given saving rights)

Disclaimer: This slide is property of BEM and the information cannot be used as official statement from BEM. The information is only valid on the date of its establishment and you may refer to BEM for new update.

23

BEM REGISTRATION OF ROAD SAFETY AUDITORS



Road Safety Auditor is now categorized as a sub branch under the Civil engineering branch.

To be A Registered RSA he / she must have all of the following qualifications and experience:-

- i) Be a practicing Professional Engineer with Practicing Certificate registered under the Act in the Civil engineering branch;
- ii) Have at least 3 years working experience in Road Engineering Design
- iii) Have at least 2 years working experience in Road Safety Engineering
- iv) With involvement in Road Construction for more than 2 years
- v) Have obtained a prequalification certificate recognized by BEM such as REAM or other approved organization.
- vi) Has attended and passed the interview conducted by the interviewers appointed by the Board.

Disclaimer: This slide is property of BEM and the information cannot be used as official statement from BEM. The information is only valid on the date of its establishment and you may refer to BEM for new update.

24

BEM REGISTRATION OF ROAD SAFETY AUDITORS



APPLICATION FOR REGISTRATION

Applications shall:

1. Be made through MyBEM Online Registration System or by hand through by submitting Form;
2. Be accompanied by a copy of CV on the qualifications and practical experience highlighting the specific areas and level of responsibilities involved in the project(s);
3. Be accompanied by 3 copies of actual audit reports done by the applicant.
Applicant should have adequate hands-on experience in actual road safety audits and

REGISTRATION FEE

A registration fee of RM200.00 and a processing fee of RM50.00 shall be paid at the time of application.

Disclaimer: This slide is property of BEM and the information cannot be used as official statement from BEM. The information is only valid on the date of its establishment and you may refer to BEM for new update.

25

BEM REGISTRATION OF ROAD SAFETY AUDITORS



Submit the following:-

1. *Application Form*
2. *Statement of Work Experience and Latest CV*
3. *Submit 2 copies of reports in which the candidate is a member of a RSA Team covering at least Audit Stages 2, 3 and 4 part 3 involving highway and junctions.*

Disclaimer: This slide is property of BEM and the information cannot be used as official statement from BEM. The information is only valid on the date of its establishment and you may refer to BEM for new update.

26

BEM REGISTRATION OF ROAD SAFETY AUDITORS

Application Form



FORM
REGISTRATION OF ENGINEERS ACT 1967 (AMENDMENT 2015)
REGISTRATION OF ENGINEERS REGULATIONS 1999

Applicant's current passport size photo

APPLICATION FOR REGISTRATION AS A ROAD SAFETY AUDITOR
(To be completed by the Applicant in BLOCK LETTERS)

SECTION A (to be filled in by AS)

Name: _____

Gender: Male Date of Birth: _____
Female Place of Birth: _____

Nationality: _____ Identification Card No.: _____

Address in Malaysia (if any): _____

Tel. No.: _____ Mobile Phone No.: _____ Fax No.: _____

Postal Address (if different from above): _____

Email Address: _____

Professional Engineer With Practising Certificate Registration No: _____

Certificate of Recognized Training (REAM etc.)

SECTION B (to be filled in by Non-Malaysian)

Passport No.: _____ Place of Issue: _____

Date of Issue: _____ Date of Expiry: _____

Country of Birth: _____ Nationality: _____

Address in Country of Origin: _____

I have been a Permanent Resident of Malaysia since _____ Identification Card No.: _____

SECTION C (to be filled in by Non-Malaysian)

I am a holder of a Work Permit valid from _____ to _____

PENALTY
Section 24(a) of the Registration of Engineers Act 1967: "Any person, with premeditation, partnership or bodily assistance who procures or attempts to procure registration or a certificate of registration under this Act by knowingly making or producing or causing to be made or produced any false or fraudulent declaration, certificate, application or representation whether in writing or otherwise, shall be guilty of an offence and shall, on conviction, be liable to a fine not exceeding fifty thousand ringgit, or to imprisonment for a term not exceeding three years, or to both."

DECLARATION TO BE SIGNED BY THE APPLICANT

a) I, the undersigned, apply for registration as a Road Safety Auditor and if I am registered, I agree to abide by—

- (i) The Registration of Engineers Act 1967 and The Registration of Engineers Regulations 1999; and
- (ii) Notifications and Circulars issued by the Board of Engineers Malaysia.

b) I hereby authorize the Board of Engineers Malaysia to seek clarification on any information submitted in any manner and by any means as it deems fit and proper.

c) I shall be personally in charge of all professional engineering services (Road Safety Auditor) rendered for which I shall certify, stamp and sign all relevant documents and if necessary submit to the regulatory authorities.

d) I am a Professional Engineer with Practising Certificate.

Date: _____
(Signature of Applicant)

Name: _____

- Applicant to submit the following:
 - A copy of CV on the qualifications and practical experience highlighting the specific areas and level of responsibilities involved in the projects.
 - Certificate of Recognized Training (REAM etc.)
- The application shall be accompanied with a non-refundable processing fee for the amount of RM10.00 and a registration fee for the amount of RM200.00 in the form of cheque or online banking (fund transfer) as determined by the Board, made payable to the Board of Engineers Malaysia.

Disclaimer: This slide is property of BEM and the information cannot be used as official statement from BEM. The information is only valid on the date of its establishment and you may refer to BEM for new update.

BEM REGISTRATION OF ROAD SAFETY AUDITORS



APPLICATION FOR REGISTRATION AS A ROAD SAFETY AUDITOR
Checklist
(to be sent together with Form R)

	Applicant	For Office Use
1. Form filled-in accordingly.	<input type="checkbox"/>	<input type="checkbox"/>
2. Be accompanied by a processing fee of RM 50.00 and a registration fee of RM 200.00 in money in the form of cheque or online banking (fund transfer) as determined by the Board, made payable to the Board of Engineers Malaysia.	<input type="checkbox"/>	<input type="checkbox"/>
3. Be accompanied by a copy of CV on the qualifications and practical experience highlighting role and responsibilities of the applicant in the projects.	<input type="checkbox"/>	<input type="checkbox"/>
4. Obtained working experience at least a total of 3 years in road engineering design, 2 years in road safety engineering field and 2 years involvement in road construction.	<input type="checkbox"/>	<input type="checkbox"/>

Remarks: _____

.....

I confirmed that the above / document are in order.

Applicant's signature: _____

.....

Name: _____
Date: _____

I confirmed that the above / document are in order.

Applicant's signature: _____

.....

Name: _____
Date: _____

Disclaimer: This slide is property of BEM and the information cannot be used as official statement from BEM. The information is only valid on the date of its establishment and you may refer to BEM for new update.

BEM REGISTRATION OF ROAD SAFETY AUDITORS



Statement of Work Experience and Latest CV

Statement of Work Experience

Appendix 1

Name of Application: _____

Date i.e. relating to each appointment (months and years)	Statement of Experience	Duration Experience For Each Project (months) (a)	Road Design Works (months) (b)	*Road Safety Related Works (months) (c)	Other Civil Engineering Works (months) (d)	Verification i. Authorized ii. Name Of Signatory iii. Position Of Signatory (at least Director of Company) iv. Official Stamp of Company
	COMPANY DETAIL 1. Company Name: 2. Tel. No: 3. Company Address:					
	PROJECT DETAIL 1. Project Title: i. Designation: ii. Detail Job Description (Related To Road Design Works And Road Safety Work i.e. b and c only):					
	Sub Total (months)					

*Road Safety Works Limited To
 i) Road Safety Auditing
 ii) Accident Investigation And Countermeasures
 iii) Design Of Traffic Management Plan (TMP) During Construction
 To Remain Blank

Disclaimer: This slide is property of BEM and the information cannot be used as official statement from BEM. The information is only valid on the date of its establishment and you may refer to BEM for new update.

BEM REGISTRATION OF ROAD SAFETY AUDITORS



Submit 2 copies of reports in which the candidate is a member of a RSA Team covering at least Audit Stages 2, 3 and 4 part 3 involving highway and junctions.



JABATAN KERJA RAYA NEGERI JOHOR

PROJEK CADANGAN MENAIK TARAF JALAN SEDIA ADA DARI KG. KAHANG KE TAMAN NEGERI ENDAU ROMPIN, JOHOR DARUL TAKZIM PAKEJ SELATAN KG. KAHANG KE SG. EMAS UNTUK MAJLIS PEMBANGUNAN WILAYAH EKONOMI PANTAI TIMUR COUNCIL (ECERDC)

ROAD SAFETY AUDIT STAGE 1 [PLANNING & FEASIBILITY] AUGUST 2023



JABATAN KERJA RAYA NEGERI JOHOR
 Bahagian Jalan,
 Arah 3, Bangunan Dato' Abdul Rahman Anand,
 Kota Iskandar,
 79102, Iskandar Puteri,
 Johor Darul Takzim

Developer:
EAST COAST ECONOMIC REGION DEVELOPMENT COUNCIL (ECERDC)
 Level 09, Tower 2, Persiaran Twin Towers,
 Kuala Lumpur City Centre,
 50088 Kuala Lumpur

C&S Consultant
ZAUDUN-LEENG SDN. BHD.
 6th Floor, Bangunan Ming,
 Jalan Bukit Nanas,
 50250 Kuala Lumpur

PREPARED BY:
 Ir. Shahril Al-Ridha Shahril Hussain
 Accreditation No:
JKR-CKJG/UAJK/01/07/2005



ENDEAVOUR CONSULT Sdn Bhd
 D-1-39, Block D,
 No. 8, Jalan PPU 1A/20B,
 Distansy Ara Damansara,
 47301 Petaling Jaya,
 Selangor Darul Ehsan
 Tel: 03-78457262
 Fax: 03-78421519
 Email: edvour@endeavourconsult.com.my



JABATAN KERJA RAYA NEGERI JOHOR

PROJEK CADANGAN MENAIK TARAF JALAN SEDIA ADA DARI KG. KAHANG KE TAMAN NEGERI ENDAU ROMPIN, JOHOR DARUL TAKZIM PAKEJ SELATAN KG. KAHANG KE SG. EMAS UNTUK MAJLIS PEMBANGUNAN WILAYAH EKONOMI PANTAI TIMUR COUNCIL (ECERDC)

ROAD SAFETY AUDIT STAGE 2 [PRELIMINARY DESIGN STAGE] AUGUST 2023



JABATAN KERJA RAYA NEGERI JOHOR
 Bahagian Jalan,
 Arah 3, Bangunan Dato' Abdul Rahman Anand,
 Kota Iskandar,
 79102, Iskandar Puteri,
 Johor Darul Takzim

Developer:
EAST COAST ECONOMIC REGION DEVELOPMENT COUNCIL (ECERDC)
 Level 09, Tower 2, Persiaran Twin Towers,
 Kuala Lumpur City Centre,
 50088 Kuala Lumpur

C&S Consultant
ZAUDUN-LEENG SDN. BHD.
 6th Floor, Bangunan Ming,
 Jalan Bukit Nanas,
 50250 Kuala Lumpur

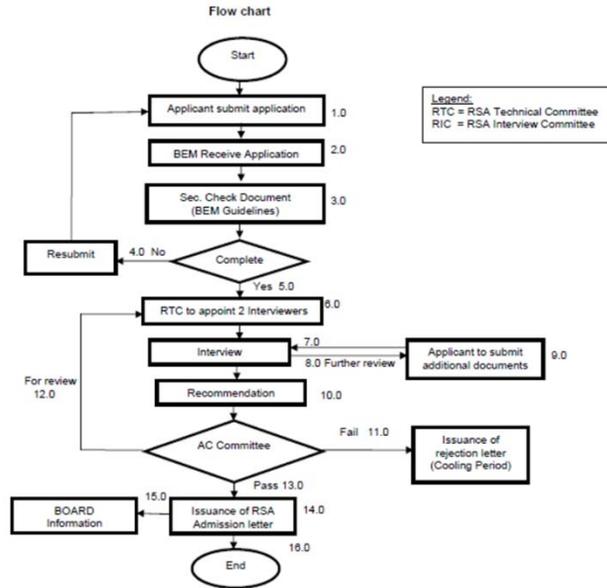
PREPARED BY:
 Ir. Shahril Al-Ridha Shahril Hussain
 Accreditation No:
JKR-CKJG/UAJK/01/07/2005



ENDEAVOUR CONSULT Sdn Bhd
 D-1-39, Block D,
 No. 8, Jalan PPU 1A/20B,
 Distansy Ara Damansara,
 47301 Petaling Jaya,
 Selangor Darul Ehsan
 Tel: 03-78457262
 Fax: 03-78421519
 Email: edvour@endeavourconsult.com.my

Disclaimer: This slide is property of BEM and the information cannot be used as official statement from BEM. The information is only valid on the date of its establishment and you may refer to BEM for new update.

BEM REGISTRATION OF ROAD SAFETY AUDITORS



Disclaimer: This slide is property of BEM and the information cannot be used as official statement from BEM. The information is only valid on the date of its establishment and you may refer to BEM for new update.

BEM REGISTRATION OF ROAD SAFETY AUDITORS



Applicants that has submitted the necessary application forms and documents shall be interviewed by 2 Assessors selected by BEM from a panel of Assessors.

To Date : 4 Applications Received.

2 Passed the interview

Disclaimer: This slide is property of BEM and the information cannot be used as official statement from BEM. The information is only valid on the date of its establishment and you may refer to BEM for new update.



THANK YOU

BOARD OF ENGINEERS MALAYSIA

Tingkat 11 & 17, Blok F Ibu Pejabat JKR
Jalan Sultan Salahuddin, 50580 Kuala Lumpur
<http://www.bem.org.my>
enquiry@bem.org.my or complaint@bem.org.my
Tel: 03-26912090; Fax: 03-26925017

