

BRIDGE INSPECTION LEVEL 1

ARRB
e-Workshops
November
24th 2020

BRIDGE INSPECTION

Bridges and other structures are crucial asset elements of the infrastructure network. It is essential that their condition is monitored and repairs are planned and completed in an efficient and timely manner. The systematic inspection and monitoring of these assets are vital components to managing the lifecycle of these structures.

This 1-day e-Workshop will assist participants to develop the knowledge and skills to conduct Level 1 Inspections in accordance with industry best practice.

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24TH NOVEMBER
2020
LEVEL 1 BRIDGE
INSPECTION
E-WORKSHOP

LIVE Q&A
9TH
DECEMBER

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A Level 1 routine maintenance inspection is required to check the general serviceability of the structure, particularly for the safety of road users, and identify any emerging problems.

CONTENT

- Introduction to structures inspections
- Structure types and their components
- Identifying common defects
- Access and equipment requirements
- Inspection Forms and Data Recording
- The Inspection Process
- Reporting
- Safe work practices

WHO SHOULD ATTEND

The e-workshop is primarily aimed at, but not limited to:

- Road and bridge maintenance field staff
- Existing Level 1 Inspectors
- Leading hands
- Works Supervisors
- Inspectors
- Engineers
- Consultants
- Contractors

It will be beneficial for attendees to have a basic knowledge of bridges and culverts.

LEVEL 1 BRIDGE E-WORKSHOP



LEARNING STRATEGIES

- Lectures
- Case studies
- Group Discussions
- In-class activities
- Site inspections

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LEVEL 1 BRIDGE E-WORKSHOP

OUTLINE

DAY 1 will investigate in detail the purpose and basics of a Level 1 bridge inspection, common problems and defects in structures and worked examples on how to undertake inspections, procedures, work health & safety, equipment requirements and completion of inspection reports.

PRESENTERS

NIGEL POWERS
CHIEF TECHNOLOGY LEADER – ASSET MANAGEMENT

Nigel has almost two decades of experience in the Victorian Public Sector including VicRoads and Major Road Projects Victoria (MRPV). Nigel has extensive experience across all aspects of bridges and road structures. He has experience in bridge design, inspection, maintenance and construction and has held senior roles in government responsible for the management of the West Gate Bridge and all road structure assets across Victoria. He led the development of the current Australian Bridge Design Code for 5 years and is recognised internationally for his research and practice in bridge asset management.

ENDORSEMENTS

Institutes of Engineers, Australia (IEAust). This course is recognised by Engineers Australia for Continuing Professional Development.

Engineers Australia members can choose to record CPD hours for attendance at this event in their personal CPD logs. Members should refer to Engineers Australia's CPD Policy for details of requirements and conditions.



PRIVACY STATEMENT

Personal information provided by you is managed in accordance with the Privacy Act 1988 (Privacy Act). ARRB is committed to providing confidentiality to and protecting the privacy of its clients, participants, employees and contractors. We guarantee that we will not sell personal information to any third party.

ARRB will not provide individual personal or training information to unauthorised third parties unless prior written permission has been received from the individual. The ARRB Privacy Policies can be viewed on each entities website.

NATIONALLY RECOGNISED TRAINING

ARRB is progressively obtaining formal accreditation for many of its e-workshops. Contact us for further information.

FEES

**1 DAY E-WORKSHOP FEES
(LEVEL 1)**

PRICE PP: \$700