A two-day Level 2 training course for those involved with the inspection of bridges, culverts, noise walls, retaining walls and many other road structures. A Level 2 inspection involves the identification of every bridge component and the rating of the condition of that component. This can be used to generate an overall score or rating for the bridge for the prioritisation of repairs, major maintenance, rehabilitation and or replacement.

The aim is to assist the participants to develop skills to conduct the Level 2 inspection and also include information on:
- safety awareness around structures
- accepted and recommended procedures.

### PURPOSE
- To introduce and familiarise participants with the importance of regular inspections
- Identifying common structural defects in concrete, steel and timber bridges
- Identifying common structural defects in steel and concrete culverts
- Applying individual condition ratings to components
- Networking and sharing of information with fellow attendees

The training will include field inspections of timber, steel and concrete structures if available.

### OUTLINE

**Day 1** - is spent in the classroom explaining in detail the purpose and basics of a Level 2 bridge inspection, common problems and defects in structures and worked examples on how to undertake inspections, procedures, WHS, equipment requirements and completion of inspection reports.

**Day 2** - covers field inspections of various structures where delegates are required to practise Level 2 inspections and complete the inspection reports. Completed inspections will be reviewed and discussed, and delegates will be provided feedback on the assessments to ensure satisfactory understanding and competence in conducting Level 2 inspections.

Included in the training are common defects in timber, steel and concrete structures to provide a better understanding of how best to report on general structural condition.
This workshop topic is aligned to nationally recognised units of competency included in the Certificate IV in Civil Construction Operations as well as other civil construction qualifications. Your statement of attainment will be issued from The Gordon. Attending this workshop along with formal assessments undertaken both during and after the workshop, will be used to provide the underpinning knowledge you will need to complete the assessment tasks for this skill set. The units have been selected to provide the fundamental understanding of the knowledge and processes necessary to undertake Level 2 bridge inspections. As always, practice is essential to develop and perfect the skills needed before undertaking independent inspections. The job of a Level 2 inspector relies upon experience and an eye for detail.

Many road authorities require bridge inspectors to undergo additional internal training before being allowed to lead level 2 inspections for their agency. The internal training usually includes organisational policy, systems and procedures and industry best practice. For instance, VicRoads now recognises the ARRB Bridge Inspection level 2 course as a prerequisite to inspect VicRoads structures. ARRB is working towards gaining recognition by other road authorities Australia wide.

If you are not seeking a formal qualification, undertaking the assessment component of the workshop and gaining a statement of attainment can be used to demonstrate skills and competency to your employer or clients. It will support your application to undertake independent bridge inspections for your organisation.

From the perspective of a road authority or industry related organisation, your employees will gain a statement of attainment leading to a full qualification and will come away with the knowledge and skills that with practice, will lead to a confident and competent inspector. Professional development and up-skilling is an excellent way to maintain sustainable expertise and happy, competent workers as well as currency of method, technique and compliance.

HOW TO ENROL

Please select the accreditation option in addition to attending the workshop. You will then receive an introductory email, an enrolment form and a phone call to explain the support process before, during and after enrolment. You will be invoiced separately for the skills set on receipt of your enrolment form.
Level 2 Bridge Inspection
Parramatta | 5 - 6 September 2017

**WORKSHOP TIMETABLE**

### Day 1

8.00 am  
Tea and coffee, a networking opportunity

8.20 am  
Welcome and introductions

9.00 am  
Bridge basics, management & inspection levels

10.00 am  
Defects & condition states of bridge components

10.30 am  Morning tea break

10.50 am  
Defects & condition states of bridge components continued

11.50 am  
Components, groups & terminology

1.00 pm  
Components, groups & terminology continued

3.00 pm  
Lunch break

3.20 pm  
Culverts and timber bridge inspections

3.30 pm  
Other inspection forms

4.00 pm  
Bridge inspection exercise

4.30 pm  Conclusion of Day 1

### Day 2

8.00 am  
Tea and coffee on arrival

8.15 am  
Review of key concepts

8.45 am  
Field inspections of various bridges:
  - Timber
  - Steel
  - Concrete

12.30 pm  Lunch break

12.45 pm  Lunch break

1.30 pm  
Field inspections of various bridges (continued)

2.15 pm  
Afternoon tea break (classroom)

2.30 pm  
Discussion of inspection forms completed and results obtained

4.00 pm  Conclusion of Day 2

**Venue**

Parkroyal Parramatta  
30 Phillip Street  
Parramatta NSW 2150

**Fees**

- Full Registration Fees
  - Price pp: $1,610
  - GST: $161
  - Total cost: $1,771

- Advanced Booking Registration
  - (Must book by 24/04/17)
  - Fee pp: $1,280
  - GST: $128
  - Total Costs: $1,408

- Student Discount
  - (Present Student ID at registration)
  - Fee pp: $1,280
  - GST: $128
  - Total Costs: $1,408

- ARRB accreditation/assessment
  - Fee pp: $740

Registration fee includes morning and afternoon refreshments and lunch. All prices are quoted in Australian dollars.

**How to Register**

To register for this workshop and make payments please click on the button below.

[click me](#)

**ARRB's Privacy Statement**

Personal information provided by you may be held on a database and may be shared with others both nationally and internationally. Sometimes your details may be obtained from, or made available to external companies for marketing purposes. If you do not wish us to hold your details, please write to Privacy Officer, ARRB Group, 500 Burwood Highway, Vermont South, Vic 3133 or email on privacy@arrb.com.au. If you choose to ask us not to hold your details, we may not be able to provide you with the services you require. A copy of ARRB's Privacy Policy is available upon request.

**Cancellations**

If you are no longer able to attend this event a substitute attendee may take your place. However, if you wish to cancel your registration a full refund, minus a $220 (incl GST) service fee, will be given provided you have notified us in writing, by email, letter or fax, at least 10 business days before the start of the workshop. No refund is available for cancellations under 10 days.

**Nationally Recognised Training**

ARRB is progressively obtaining formal accreditation for many of its workshops. [Click here](#) for further information.

**ARRB Group supports the Helmets for Kids school program**

ARRB is committed to the UN Decade of Action for Road Safety, and as part of our commitment, ARRB will donate $25 from every workshop registration to support the Helmets for Kids school program. For further information on ARRB’s involvement visit: arrb.com.au

For information about the Global Helmet Vaccine Initiative visit: [helmetvaccine.org](http://helmetvaccine.org)