

Footbridge Course



The Footbridge Purchasing and Inspection Course run by Edgar (Ted) Stubbersfield is intended for those responsible for the specification, purchasing and ongoing maintenance of footbridges. The course will enable participants to:

- Prepare an appropriate specification
- Assess suitable product to purchase
- Recognise where corners are cut
- Ensure value in purchasing
- Know quickly where to inspect
- Recognise suitable timber for bridges

I can offer valuable assistance to your organisation by empowering your people to recognise an appropriate low maintenance footbridge from one that requires expensive rectification over a shorter life span.

On retiring from Outdoor Structures Australia, a company I founded in 1997, I have been concentrating on publishing guides on external timber and steel use and educating professionals in that field. You can now take advantage of my experience gained building low maintenance steel and timber bridges.

I have extensive expertise in exposed timber applications. This knowledge was developed initially through a number of formal research projects followed by years of observation. I acquired a deep of understanding of the issues relating to designing, supplying and constructing fully weather exposed timber and timber and steel structures including bridges.



With over 40 years experience of supplying timber and timber and steel products, I have supplied some outstanding low maintenance footbridges. Conversely I have also witnessed many structures that simply should never have been purchased.

This course is centred on a checklist that can be used as a specification and also a confirmation that common shortcuts that affect longevity have been addressed. Through hundreds of images the importance of each line of the check list is explained. Participants will recognise what good practice is and how important it is to ensure it is used.

Contact Details

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Timber Grading

You will recognise how to identify timber appropriate for external use. They will also be provided with specifications that can be used for future projects to ensure longevity.

The importance of independent confirmation of grading is stressed.



Purchasing Well to Avoid Problems

The common shortcuts that lead to maintenance issues and shortened life are identified in a checklist. The importance of each line is illustrated with many images. This segment has the double benefit of allowing maintenance staff to recognise where they need to check.



Vibration Issues

When pedestrian vibration has not been properly assessed it has even caused footbridges to collapse. Most frequently it will result in a bridge that is uncomfortable and requiring repair or replacement. This is looked at through a number of case histories.



Case Histories

The footbridge course looks at a number of case histories, some are outstanding while others are even dangerous. The case histories are selected to assist the participants quickly identify problem areas and have them rectified prior to construction.

