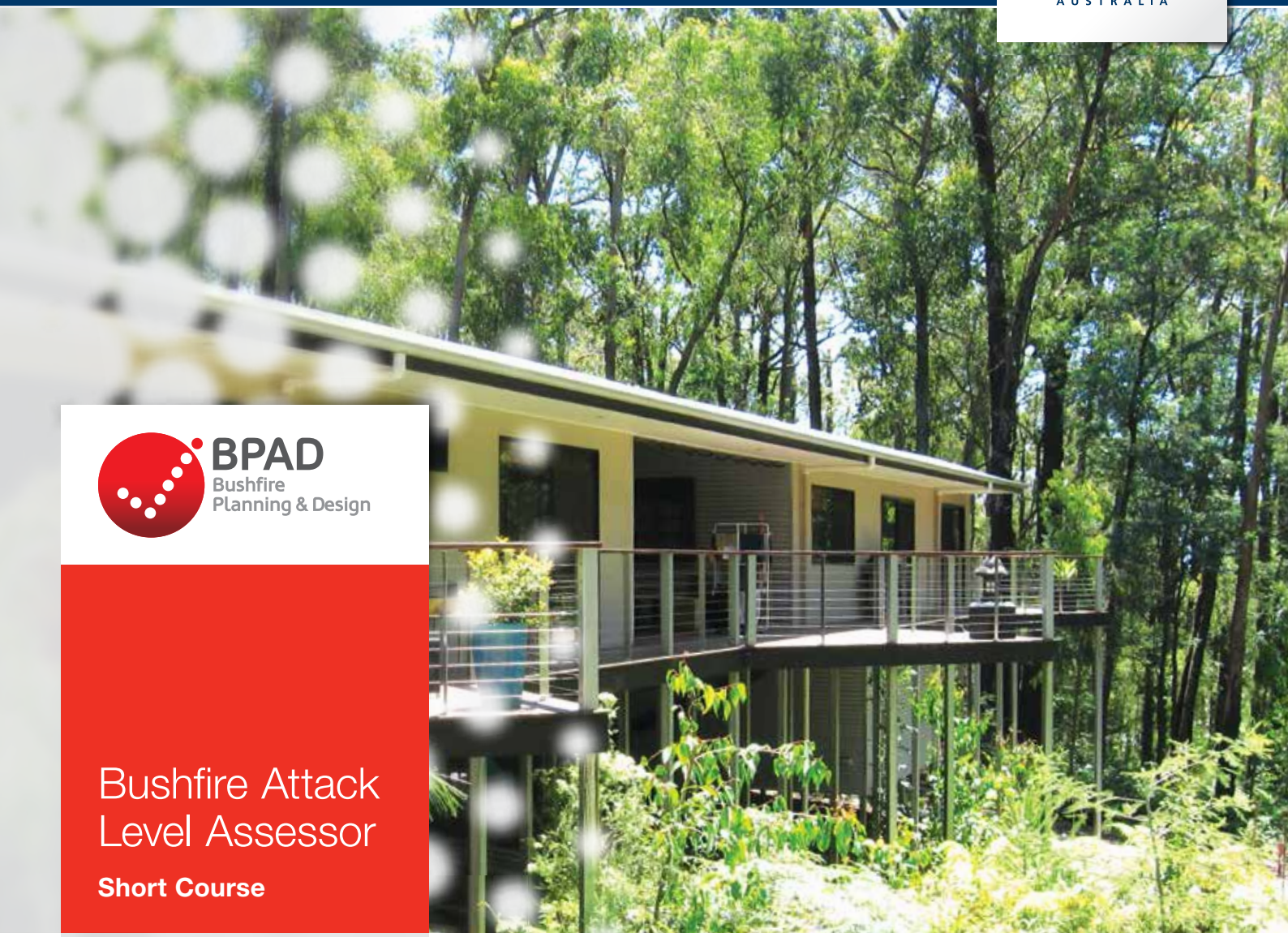
Fire Protection Association Australia Life Property Environment



BPAD Bushfire Planning & Design

Bushfire Attack Level Assessor

Short Course

This course will provide participants with the required skills, knowledge and ability to determine a Bushfire Attack Level and provide advice on the required construction provisions.

About the Course

FPA Australia has developed this short course in association with various government agencies in Western Australia. The course addresses the full set of competency requirements for a Level 1 – Bushfire Attack Level (BAL) Assessor detailed in the Western Australian Bushfire Accreditation Framework.

The course covers a wide range of elements including:

- bushfire behaviour
- bushfire planning and building legislative requirements in Western Australia
- assessing and determining bushfire attack levels
- knowledge of bushfire impact and building design to mitigate bushfire impact; and
- knowledge of bushfire resistant construction

Who Should Enrol in the Course?

The course is suitable for professionals who require an in-depth understanding of the essential elements and the required approach to correctly assess and determine a Bushfire Attack Level (BAL) and to determine the consequential construction requirements that apply to a building as a result of the BAL.

The course is designed for building, planning, environmental and fire safety professionals such as bushfire consultants, town planners, building surveyors and ecological and environmental consultants with an interest in seeking to become accredited bushfire practitioners. It may also be suitable for local government staff with a bushfire related role, fire services personnel, builders and developers and others with an interest in the planning and building arena related to bushfire mitigation.

Completion of the course is one option available to participants that satisfies the application requirements for a BAL Assessor under FPA Australia's Bushfire Planning and Design Accreditation Scheme.

Course Content

Participants who successfully complete this course will achieve the following course outcomes:

Knowledge of the factors affecting bushfire behaviour and the models used to quantify bushfire behaviour.

An understanding of the influence of vegetation, topography, weather and climate on bushfire behaviour and be able to use the relevant bushfire behaviour models that are used in AS3959 and Western Australia to determine the impact of a bushfire on a building.

Knowledge of vegetation and its influence on determining bushfire attack levels.

The ability to identify, assess and classify all vegetation types categorised in AS3959 in both homogenous and non-homogenous landscapes, including peri-urban areas, for the purpose of determining a bushfire attack level in Western Australia.

The ability to conduct a site assessment and determine the Bushfire Attack Level for a site using the prescribed system.

The ability to undertake a site assessment to determine the bushfire attack level for a site using the simplified procedure in AS3959 and to document and prepare site plans and a BAL assessment report in accordance with relevant legislative provisions and good practice.

Knowledge of the legislative and policy framework applicable to Western Australia that governs development on land subject to bushfire impact.

Knowledge of the Western Australian legislative and policy framework applying to land subject to bushfire impact where building work is proposed or where development and subdivision of land is proposed.

Knowledge of the mechanisms for bushfire attack and designing to reduce impacts.

An understanding of the relationship between bushfire attack and building performance including options to reduce the impact of bushfire on a building through factors such as siting, design and landscaping.

Knowledge of bushfire resistant construction that can be applied to a building appropriate to the BAL.

The ability to provide written advice on the required construction provisions to satisfy a specific BAL in accordance with the requirements in Western Australia and the requirements specified in AS3959. This includes an understanding of the application of AS3959 with respect to matters such as selection of timber, shielding, attached structures and products tested to relevant bushfire testing standards.

Other Information

Bushfire Practitioner Accreditation

The Western Australian Government is committed to having a professional bushfire consultant industry with accredited practitioners. FPA Australia has been recognised by the State Government as an accrediting and training body for Level 1 BAL Assessors in accordance with the Western Australian Bushfire Accreditation Framework.

FPA Australia achieves this recognition through implementation of its Bushfire Planning and Design Accreditation Scheme (BPAD Scheme). This training course meets the competency requirements for Level 1 BAL Assessor accreditation under the BPAD Scheme.

For further information on the BPAD Scheme visit www.fpaa.com.au/bpad or contact FPA Australia on 1300 731 922.

Course Dates and Hours of Study

The course will run over 5 days and includes both classroom and field-work components. Courses are run throughout the year in various locations. For details of course availability visit fpaa.com.au/training.

Participants will be required to complete assessments at the conclusion of the course to be granted a Certificate of Completion. Assessments are expected to require an additional commitment of a further 5-10 hours in addition to the 5 day commitment for the training course.

Entry Requirements

There are no minimum entry requirements for this course, however the course will require participants to travel to various locations in bushfire prone areas to carry out site assessments.

How to Enrol

To enrol in the course, download the enrolment form from fpaa.com.au/training. The fees for undertaking the course are listed on the enrolment form

Information for Experienced Practitioners

Practitioners and consultants who are currently working in the field of Bushfire Attack Level assessment may be eligible for Recognition of Prior Learning for certain aspects of this course, specifically the practical aspects of carrying out a site assessment.

Fire Protection Association Australia
PO Box 1049
Box Hill VIC Australia 3128

T 1300 731 922
F 03 8892 3132
W www.fpaa.com.au