

Refresher - Installation and Certification of Fire and Smoke Dampers

OVERVIEW

Our industry plays an important role in the design, installation and maintenance of Life Safety Systems to support public safety in commercial buildings. The NSW EP&A Act (1979) and Regulations 2000, relies on competent individuals to assist in the essential fire measures certification process.

The object of the refresher course is to provide Continuous Professional Development (CPD) for candidates who have previously completed the AMCA NSW Course in the Installation and Certification of Fire and Smoke Dampers. The information in the Refresher Course relates to changes associated with both BCA2016 and Australian Standards applicable to the installation and certification of fire and smoke dampers. The course will address the following questions:

- How do you know the new fire/smoke dampers in your current projects are being correctly installed?
- How do you know that the existing fire/smoke dampers being assessed annually in your projects will stand up to scrutiny?
- Are you aware of your liability if current or future certification scrutiny discovers installation defects?

COURSE OUTCOMES

Successful candidates in this course will receive a Statement of Completion and updated information relating to the application of building regulations and Australian Standards relevant to the installation and certification of fire and smoke dampers in new, existing and refurbished buildings.

Candidates are required to:

- Study the Training Program content
- Attend the one day course
- Complete an exam on the day of the course

PREREQUISITES

Attendees must have successfully completed the AMCA NSW Course in the Installation and Certification of Fire and Smoke Dampers. Please provide the year you completed the course.

PRE-COURSE PROCEDURE

Candidates will be sent the Training Program approximately four weeks prior to the exam date. Prior to attending the course, Candidates are required to:

- Study the Training Program content (necessary to pass the course exam)
- Be familiar with the regulatory documents and Australian Standards included in the program

COURSE CONTENT

FUNDAMENTALS

- Fire compartments and separation
- Protection of openings and fire resistance levels for protection of occupants from fire and smoke
- Where to find the information you need and what information you require

REGULATIONS AND STANDARDS

- The NSW EP&A Act and Regulations 2000 requires 'deemed to satisfy' requirements of the BCA, AS1668.1, AS1682.1 &2, as well as AS4072.1-2005. This course will provide an explanation of where the regulations require openings (and shafts) to be appropriately protected, to what degree, and to what performance levels.
- NSW is introducing Building Regulations which shall make accreditation an essential requirement for those certifying fire and smoke dampers.

HARDWARE

- What are fire dampers?
- What are smoke dampers?
- What are air dampers?
- What are sub-ducts?
- What types of these devices are currently available?
- How do these devices work? What is their performance?
- How are dampers originally tested and approved for use? What conditions apply?

INSTALLATION

- What are the requirements and conditions of installation?
- What details must the installer require of the designer/ builder?
- What is an acceptable installation?
- What about the associated building works?
- What evidence needs to be retained by the installer for the works?
- What instructions and baseline data are required to be passed on?

CERTIFICATION

- What are the regulatory certification requirements?
- Who can certify and on what basis?
- What are the consequences of getting it wrong?

MAINTENANCE

- What are the maintenance requirements?
- What is an acceptable level of maintenance?

EXAMINATION

A supervised examination will be held on the afternoon of the course. It is open book, comprising multiple choice and short answer questions.

CERTIFICATE

- Candidates who pass receive a Statement of Completion of the AMCA NSW Course in the Installation and Certification of Fire and Smoke Dampers – Refresher
- This certificate is valid for 5 years from course date.
- Candidates shall be given a pass/fail result based on 75% pass rate for the examination
- The examination covers installation and servicing techniques as well as regulatory requirements.
 - Candidates who service but don't install smoke and fire dampers shall still be required to be competent on installation requirements.
 - Candidates who install smoke and fire dampers but don't service shall still be required to be competent on servicing requirements.

COURSE DETAILS

- AMCA Members \$600 (incl gst)
- Non-Members \$800 (incl gst)
- Full Day 8.30am – 4.30pm (incl exam in the afternoon)
- Address NHP Building, 30-34 Day Street North, Silverwater
- Parking Off street parking is available on the premises. Drive in and park at the back of car park.
- Instructions Walk to the front entrance of the NHP building and proceed to reception. Advise the receptionist that you are attending a course upstairs and sign-in.
- Tea and coffee Complimentary in the room.
- Lunch Provide your own - there is a cafeteria nearby.

REGISTERING FOR THE COURSE

- Please contact adminnsw@amca.com.au
02 8458 3330