

CALEDONIAN TRAINING ACADEMY LTD

MANAGING TRANSPORT COMPLIANCE



ABERDEEN
01224 796695
INVERNESS
01463 701966
GLASGOW
01236 280117 / 07920 809111



training@ccll.uk.com
www.caledoniantraining.com

SUMMARY: The fire warden course is designed to meet all the needs of a newly appointed fire warden to enable them to fulfil all of the duties placed upon them by their employers and the Fire Safety (Scotland) Regulations 2006.

COURSE OUTLINE

Fire Law

The student is made aware of the current rules and regulations relating to fire and more specifically their responsibilities as fire wardens. We then discuss case studies which show how they can be personally affected should they fail to take their duties seriously.

Perception of Fire

The student is encouraged to analyse where they get their perception of fire. We explore whether or not they perceive fire as fun or a force of destruction and explore how it can be both.

Chemistry of Combustion

An explanation of the chemistry of combustion is then proffered to the students and we explore in detail how fire occurs and spreads. We explain the Triangle of Fire Theory and how they as fire wardens can have a very positive effect on the prevention of fire in the workplace.

Oxygen Levels

The instructor will now advise the students on the levels of oxygen which exist in the workplace in their normal day to day routine and show by means of a diagram just how any smoke in the workplace will displace the oxygen and have a physical effect on the body function to the point where life will cease to be supported.

Fire Extinguisher Theory & Construction

At this point we move onto Fire Extinguishing Equipment and cover the history and theory of the afore-mentioned equipment, we discuss the development of this equipment and cover extinguisher of all types, hose reels and fire blankets. The instructor will explain how all of this equipment works and will go into detail on the pros and cons of each piece of equipment and discuss the method of operation and duration of each type of extinguisher and blanket.

Fire Classification

The student is now given an understanding of Fire Classification, this better informs the student of the type of extinguishing equipment they can expect to find in the workplace and re-enforces the knowledge they gained during the previous topic. This leads onto a session where the student is given a clear explanation of exactly the correct extinguishing media to use in each fire situation.

Human Behaviour

The instructor now introduces the topic of human behaviour and how that can have a profound effect on the duties of a fire warden. The students are introduced to human behaviour by using some case study film clips, which demonstrate that people will not always behave in ways that the student will expect. This session gives a good insight to the student of some of the problems they will face when called upon to evacuate a building in the event of a fire or emergency situation.

Means of Escape

At this juncture the student is given a clear introduction to the means of escape designed within buildings and how the passage of people should flow and become increasingly safer as they progress through the escape route to a place of safety. An explanation is given as to how escape routes are protected and advice is given on the checking of these routes.

Fire Prevention

During this session the students and the instructor discuss the common causes of fire and explore in detail Electrical causes of fire and the student is taught how to identify the correct fuse rating for appliances and how to identify when a socket is overloaded. The students are then encouraged to discuss the electrical setup of equipment within their workplace. Discussions then move onto Wilful Fire Raising (Arson) and the instructor then explains how fire wardens can prevent this type of fire. Waste management and rubbish control is explored and again the students are advised as to the correct way to manage this to prevent fire in their workplace.

Containment

The instructor explains the theory of how fire is contained with compartments to prevent the fire spreading throughout the building. The students are given an explanation of types of fire doors and their relevant signage. The students are shown photographs of real life situations and are asked to identify what is wrong with the fire doors depicted. This gives them an understanding of what to look for in the workplace in relation to fire doors. The instructor then goes onto explain by means of diagrams how fire doors work in a fire situation and contain fire from spreading and blocking escape routes.

Means of Escape

Students are given the definition of just what exactly a means of escape is and a clear explanation of the following is proffered by the instructor, Safe Route, Unaided Efforts and Place of Safety. The instructor then explains in detail the three stages of escape from Rooms to Corridors and finally into Stairways. The instructor then uses real photographs of obstructed fire exits to allow the students to identify issues regarding escape routes. This session finishes with a look at final exits from buildings and the students are advised as to what they should expect to find at a final exit door from their building and how they should check it.

Communications

This session looks at safety signs and what they mean, it pays particular attention to Firefighting signs. The instructor will then go onto discuss fire procedures and advise the students just who these procedures are written for, he will discuss what to do when the student discovers a fire and what to do if the student hears the fire alarm after someone else discovers the fire. Discussion will then centre around employees with special duties in particular the fire warden and the instructor will explain in detail the information the Fire & Rescue Service will expect over the telephone and on their arrival and will advise the students on what to tell the fire officer. Parking around the workplace will be discussed and the instructor will advise on the legality of parked cars/vehicles in relation to fire exits and fire hydrants.

Fire Wardens Duties

The instructor will now show a short video (8minutes) detailing the duties of a fire warden, this is to cover the points raised throughout the course and refresh the students mind prior to the course consolidation. At this stage the instructor will summarise the duties of a fire warden and the day's course.

Q & A

The students are given the opportunity to ask the instructor any questions they wish in relation to the course.

Course Consolidation

The students now answer a set of 20 questions, 10 of which are multiple choice and 10 are photographs depicting real life situations, which show deficiencies in fire safety. If a student scores more than 15 out of the 20 they are deemed to have passed the course successfully.

Awarding Body:



Course Duration: 10 Candidate per trainer over half day (4 Hours).

Costings: Training course costs per candidate £65.00+Vat.