



# ACE Safety Academy Ltd – Scheme of Work

<b>Module Code</b>	FE	<b>Course Duration</b>	0.5 day
<b>Qualification Title</b>	Fire Extinguisher		

<b>Aims and Objectives</b>	This course is intended to provide practical experience in the use of portable fire extinguishers.		
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<b>Day / Times</b>	<b>TOPIC [Including Key Skills / Basic Skills]</b>	<b>RESOURCES</b>	<b>COMMENTS</b>
<b>09.00am – 13.00pm</b>	<p><b>Introduction</b> – Course Aim and Objectives</p> <p><b>Triangle of Fire</b> – The three elements required to support a fire. i] Oxygen ii] Heat iii] Fuel</p> <p><b>Causes of Fire</b> – Common causes of fire. i] Naked Flames ii] Smoking iii] Arson iv] Friction v] Portable Heaters etc</p> <p><b>Classification of Fire</b> – Identification of the various classes of fire as designated by EN2 i] Class A ii] Class B iii] Class C iv] Class D v] Electrical Fires</p> <p><b>Spread of Fires</b> – The main causes of how fire spreads i] Conduction ii] Convection iii] Radiation</p> <p><b>Methods of extinguishing fires</b> – Principles of extinguishing fires. i] Smothering – Removal of Oxygen ii] Cooling – Removal of Heat iii] Starvation – Removal of Fuel</p> <p><b>Portable Fire Extinguishers</b> – Use and application of various types of fire extinguishers i] Water ii] Foam iii] Powder iv] Carbon Dioxide</p>	<p>Powerpoint presentation, projector, pens and student handouts.</p> <p>Suitable classroom if delivered outside Ace head office.</p> <p>Range of In Service Fire Extinguishers</p>	

	<p><b>Role of the Fire Warden</b> – i] Emergency Plan ii] Responsibility in an Emergency iii] Basic Fire Safety</p> <p><b>Practical Exercises / Assessment</b> – Individual assessment on the correct method of using a portable fire extinguisher to put out a fire</p> <p><b>Written Assessment</b> – Individual assessment to reinforce the learning objective</p> <p>End of course discussion</p> <p>Close</p>	<p>Powerpoint presentation, projector, pens and student handouts.</p> <p>Suitable classroom if delivered outside Ace head office.</p>	
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