



# ACE Safety Academy Ltd – Scheme of Work

<b>Module Code</b>	CSTR	<b>Course Duration</b>	2 days
<b>Qualification Title</b>	Confined Space Entry and Traverse Refresher		

<b>Aims and Objectives</b>	This course is designed to re-certificate a person to be competent in entry in Confined Space Areas to traverse a tunnel and accompany a visitor in to the working area.
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<b>Day / Times</b>	<b>TOPIC [Including Key Skills / Basic Skills]</b>	<b>RESOURCES</b>	<b>COMMENTS</b>
09.00am – 16.00pm	<p>Introduction – Course Registration, Aims and Objectives</p> <p>Course Introduction – Aims and Objectives</p> <p>Legislation applicable including; HASWA'74, Employer and Employee statutory duties; Confined Space Regulations'97 (as amended), ACoP requirements focusing on 'Preventing the Need to Enter, introducing a SSoW and emergency/rescue requirements</p> <p>Defining Confined Spaces – What attributes to the designation of a Confined Space area; generating an understanding between an 'Enclosed Area' and what is meant by a 'Specified Risk'</p> <p>What are the risks and who do they affect? – covering hazards which are associated with confined space. Including Hazardous Atmospheres, Engulfment, Mechanical, Chemical, noise and temperature. To include Oxygen Deficiency and Oxygen Enrichment Video</p>	<p>Powerpoint presentation, projector, pens and student handouts.</p> <p>Suitable classroom if delivered outside Ace head office.</p>	<p>Explanations</p> <p>Explanations – focusing on real situations that have occurred on sites and how the industry has pursued a proactive approach to managing confined spaces</p> <p>Introduction to what defines a Confined Space and the procedure for working internally &amp; externally</p> <p>Looking at different types of space and the difference between 'Enclosed' &amp; 'Specified Risk'</p> <p>Outline each individual Hazard, elaborating on how these hazards may affect the work force and how they may be controlled.</p>

	<p>SWP's &amp; Permits' are required prior to entry, what information is required within the documents and the format for documenting &amp; reviewing</p> <p>Gas Detection – Hazardous Atmospheres; the effects of O2 depletion &amp; enrichment, flammable &amp; toxic atmospheres; the requirements for ventilation and performing pre-entry testing of the space 'Peak &amp; Detailed' results; calibration timescales &amp; 'ATEX; intrinsic safety DSEAR'02; 'Top-Person' record charts and their importance</p> <p>Diseases/Hygiene – Different types of diseases that can be contacted in &amp; around confined space environments, i.e. weils disease, routes of entry and self-protection levels including advanced hygiene</p> <p>The City &amp; Guilds 6150 scheme; the risk levels – 'Low, Medium &amp; High', who the scheme effects and why it is competence driven</p> <p>Working at Height – Harnesses &amp; Tripod &amp; Winch; To understand the fall protection hierarchy, how to pre-use inspect and wear a safety harness designed for fall arrest/rescue, inspect &amp; use a tripod, winch &amp; davit-arm and the importance of identifying 'Pre-syncope' symptoms</p> <p>Emergency Escape Breathing Apparatus – Different types; How to inspect &amp; use the 'EEBA' focusing on 'donning &amp; doffing' procedures, RPE requirements under COSHH, including face-fit testing advice</p>	<p>Powerpoint presentation, projector, pens and student handouts.</p> <p>Suitable classroom if delivered outside Ace head office.</p> <p>Audio/Visual/Motor</p>	<p>Concentrating on Hazard identification &amp; controlling the works in and around Confined Space environments</p> <p>Explain the importance of 'WEL's/EH40', why a space must be assessed from entrance to base and demonstrate to delegates the correct use of gas detection &amp; markings</p> <p>Outline the types of fall arrest and retrieval equipment to be used while working in Confined Space</p> <p>Explain the category 'Simple PPE' &amp; why PPE is the last line of defence. Routes of entry as detailed in 'COSHH' &amp; the importance of welfare</p> <p>Explain why there is a continuation to training for delegates working in the 'Utility Sector' and why they have to conduct a competence assessment</p> <p>Ensure that the delegates are aware of the direct dangers from working at height and can pre-use check &amp; wear, where appropriate, access &amp; egress equipment</p> <p>Ensure that the delegates feel comfortable wearing the correct type of RPE in the classroom environment, to make them aware of the importance of a face-seal</p>
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Day 2			
09.00am – 16.00pm	<p>Introduction to S.C.B.A; Before, Pre-use &amp; After use checks.</p> <p>Practical assessment of skills taught, delegates to show a moderate level of competence has been achieved. Demonstrating the donning procedure.</p> <p>Explanation into when a task becomes a traverse procedure and the additional changes that are required to allow the operation to be carried out.</p> <p>BA Control board and turn around pressures</p>	<p>Audio/Visual/Motor</p> <p>Classroom Environment</p>	<p>Inspect Equipment and ensure delegates understand</p> <p>Demonstrate Donning procedure and then delegates are to learn the procedure prior to assessment.</p> <p>Manning levels are to be reiterated</p> <p>Delegates are to understand how to control air whilst inside a confined space and also how to work out turn around pressures.</p>

	<p>Understand the importance of 'Rescue Planning' both from a company perspective &amp; liaison with public emergency services.</p> <p>Traverse entry assessment using various types of breathing apparatus.</p> <p>End of Course</p>	<p>Classroom Environment</p> <p>Practical Area</p>	<p>Tutor to reiterate the importance of having a designated rescue team on site for high risk tasks and how it may be advantageous to liaise with the emergency services at a planning stage.</p> <p>Direct instruction &amp; observation of individual delegates; Delegates to demonstrate safe working procedures &amp; application of knowledge</p> <p>Delegates opportunity for course feedback prior to closure of course</p>
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