



# ACE Safety Academy Ltd – Scheme of Work

**Module Code**

HSG47

**Course Duration**

0.5 Days

**Qualification Title**

Avoiding Danger from Underground Services Guidance

**Aims and Objectives**

To give employees the knowledge of the safe system of work as specified within HSG47.  
To be able to implement the safe system of work required to enable excavation works or working near underground services in a safe manner.

**Day / Times**

**TOPIC**  
**[Including Key Skills / Basic Skills]**

**RESOURCES**

**COMMENTS**

**Day One**

**08.30 – 12.30**

**HSG 47**

- Session Introduction and Registration [Aims & Objectives]
- What is HSG47 including specific requirements of additional legislation
- Introduction to utility drawings, understand why mistakes are made and how to read the drawings correctly interpreting the way different pressure/voltages are shown on drawings and the NJUG colour coding system that is used within the utility sector
- Understanding cable avoidance techniques employed to avoid danger/damage to underground apparatus, including the recommendations imposed by HSG47 and further restrictions imposed, by the various Statutory Utility Companies, on persons working near SU assets
- Written Assessment
- Session closure and feedback

PowerPoint Presentation,  
Flipchart & Pens

Learner CD ROM

HSG47

Full set of utility drawings including the key or legend to the drawings

CAT & GENNY

Classroom based approach

To understand and relate to HSG47 and associated SSoW

Written Assessment comprising of 15 questions [multi-choice & written].  
A pass will be awarded if the learner achieves a minimum of 80% of the full marks