

Health and Safety in Temporary Works

2 Day Course



This course is intended for people who have to act as temporary works co-ordinator as described within BS5975:2008 or who oversee temporary works on site. It is also of value to client's representatives, Resident Engineers etc and to health and safety professionals working in the construction industry. This course does not train delegates as temporary works designers.

The aim of the course is to provide information on effective methods of securing the health and safety of those involved in temporary works, from concept to striking.

Day One

Session 1 Introduction and Setting Course Objectives

Session 2 Accidents in Temporary Works Case Studies

Case Studies to review typical accident arising out of temporary works.

Session 3 Legal Liabilities

Implications of the requirements of the General Duties under the Health and Safety at Work Act 1974, The Management of Health and Safety at Work 1999, the Work at Height Regulations 2005 and the Construction (Design and Management) Regulations 2007 on the design and use of temporary works.

Session 4 Temporary Works Management

The requirements of BS5975:2008 for inclusion in an organisation's Health and Safety policy and procedures for Temporary Works management. Roles and responsibilities. Appointments required and organisational interfaces

Session 5 Roles of the Temporary Works Co-ordinator

Review of the Temporary Works Co-ordinator responsibilities and the interfaces with Temporary Works Designers, Temporary Works Supervisors, other contractors and their supervisors, CDM co-ordinators and the client.

Session 6 Temporary Works Design

Temporary Works design briefs, design, design checking, design categories and design certificates.

Session 7 Site Co-ordination and Supervision

Requirements to review erection, use and dismantling risk assessments and method statements. Review of a method statement. Development of a "checking plan," and performance of checks and records. Permit to load. Consideration of dismantling and storage of Temporary Works. The requirement for information to be supplied for Temporary Works that are not dismantled.

Day Two

Session 1 Types of Falsework and Formwork

Brief review of the various types of formwork and falsework available.

Session 2 General Health and Safety in Concreting Operations

Special problems, including entering shutters for cleaning and inspection, supporting wall pour shutters. Protection of the falsework from impact by site or private vehicles. Problems of noise, hand/arm vibration and skin complaints.

Session 3 Provision of Information

Information to be collected when planning excavation work. Site Investigation overhead and underground cables, other services, contaminated ground, existing structures, access requirements.

Session 4 Methods of Excavation Support

Standard to be applied to batters and benches. Safe installation of traditional excavation supports.

Session 5 CIRIA Report 97, Trenching Practice

Use of the CIRIA report to conduct worked examples of excavation support specification and associated method statements.

Session 6 System Supports

A review of some of the major support systems available.

Session 7 General Safety in Excavations

Guardrails, access and egress, inspections of excavations, dangerous atmospheres, tipping of loads from vehicles, etc.

Session 8 BS5975:2008 Compliance

A group exercise to develop a compliance flowchart.

Session 9 Examination

Multi choice closed book examination.

Session 10 Course Review and Conclusion

Course Objectives

Upon completion of the course, delegates should:

- understand the personnel involved in a temporary works procedure and their functions;
- appreciate the legal liabilities surrounding the duty holders;
- recognise technical standards to which temporary works should be installed;
- know the peripheral safety and health issues surrounding the use of temporary works; and
- be capable of performing the role of temporary works co-ordinator.

Maximum number of delegates: 16