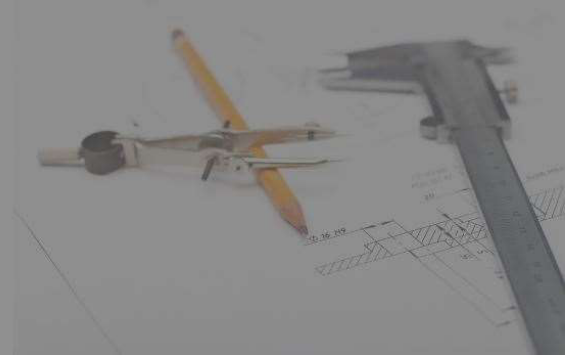


Water Safety: Design Control Training Role of the Authorised Person









Course overview

This course is aimed at those members of the WSG who have a responsibility for managing projects from the design stage through to completion - be it a new build through to a refurbishment and alterations to existing water systems. This course would benefit those external organisations who are involved with the design and delivery of developments for their clients (i.e construction and architects).

The WSG and Responsible Person [RP] have to manage water systems throughout the life of the building and system. Through the passage of time guidance and standards change as such the inherent risk will change. Although, the inherent risk of new water systems can be high given the lack of knowledge and competence of designers, installers and contractors. This can be further exacerbated though by the same means for those Project Managers who are involved in the project.

The course will provide an introduction on 'water safety' and waterborne pathogens outlining favourable conditions and how these can be linked with water systems. What regulations and guidance documents exist relating to waterborne pathogens as well as standards and best practice guidance. BS8680 details key design stages that needs to be considered, these will be outlined including examples of projects and their issues to demonstrate that there are lessons to be learnt!

-  Duration: One Day
-  Certificate of Attendance
-  Marked Assessment
-  Q&A Session included
-  Refresh every 3 Years
-  PO & Cards accepted

Who should attend?

This course is aimed at those Project Managers who are involved in the management of new projects [big or small] with the aim of providing them with a grounding in the basics of water safety and the standards that required in order to achieve a compliant water system. This course would benefit those external organisations who are involved with the design and delivery of developments for their clients (i.e construction and architects).

The course will provide an overview of what 'water safety' includes / means, as well as background to regulations, guidance and standards to be achieved for the safe operation of water systems and associated plant / equipment / assets. Further supported with an over view of each step of a Water Safety Plan Design Control standard with examples of how projects have been poorly managed and constructed. Getting it right from the design stage, is an excellent mantra, although time and time again projects are not right for many reasons.

What prior knowledge should delegates have?

Essentially no prior knowledge is required for attendance on the course, however it is strongly advised those attending with no previous knowledge or training have read the following documents to help with the learning on the day of the course.


[What are and how to manage waterborne pathogens](#)

[Who can be appointed as an RP, DRP, AP or CP?](#)

[The Water Safety Group, explained...](#)

[FAQs around water hygiene and waterborne pathogens](#)

Course Agenda

- Module 1:
 - Background to Legionella / Scalding / *Pseudomonas aeruginosa*;
 - Who are the most susceptible;
 - Proven and frequent sources of LD / Pa;
 - Ecology of waterborne pathogens;
 - Control strategies for managing water safety risk.
 - Module 2:
 - Law [Health & Safety at Work etc. Act 1974, Health & Social Care Act 2008];
 - Regulations [MHSWR, COSHH, RIDDOR, WATER REGS];
 - Guidance [HSE ACOP L8, HSG274 Parts 1, 2 & 3, HTM04-01 Parts A, B, C, S/HTM04-01 Parts A to G];
 - Best Practice [Health Building Notes & British Standards];
 - Prosecutions examples and lessons learnt.
 - Module 3:
 - Understanding parts of a WSP / Design Control document and the involvement of the WSG at each stage;
- 
- The diagram illustrates the Design Control process. It features a vertical bar on the left labeled 'Design Control'. To its right, a list of stages is shown: Specification, Risk Assessment, Competency, Design, Install, Commission, Soft Landing, and Handover. Blue arrows point from the right side of the list back to the Design Control bar, indicating that each stage feeds into the overall design control process.
- Module 4:
 - Lessons to be learnt from poorly designed, installed, commissioned projects and the implications of such instances including the lifelong effect on water systems.

What will the delegates learn?

There are four aims of the course:

1. Provide delegates with a thorough understanding of 'water safety' and the risks posed;
2. Provide delegates with a broad understanding of applicable regulations, guidance documents and standards;
3. Enable delegates to review / establish their own water safety plans;
4. Provide delegates with various exercises, mini audits and resources to aid in their understanding and potential degree of compliance.

To help achieve these 'aims' each module has set learning objectives, which will be used in the written assessment, to help the delegates with their learning.

Course Delivery

The Water Hygiene Centre Responsible Person training can be delivered by our consultants in the following ways:

- **In-house** – Your tutor will deliver your training at your premises, reducing the cost and time of travel and enables all staff to be present onsite. We require a minimum of 8 delegates and maximum of 16 delegates. POA.
- **Online** – Tutors will deliver your training live using Microsoft Teams. We require a minimum of 8 delegates. POA.