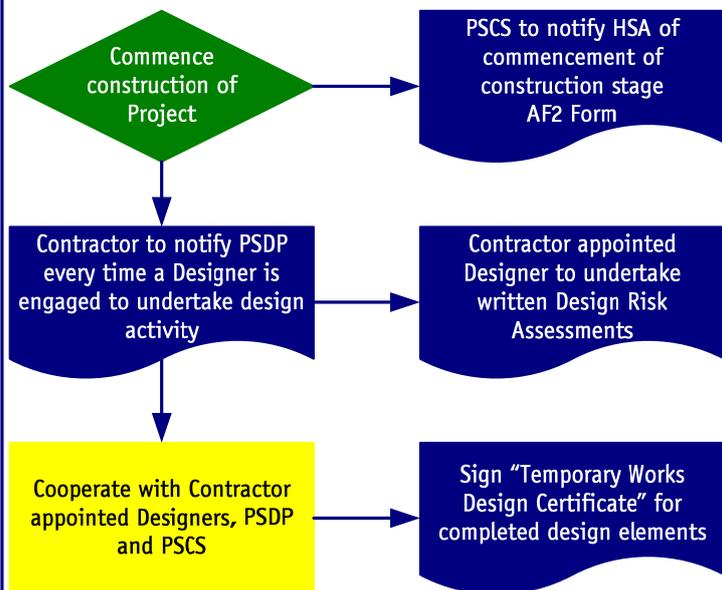
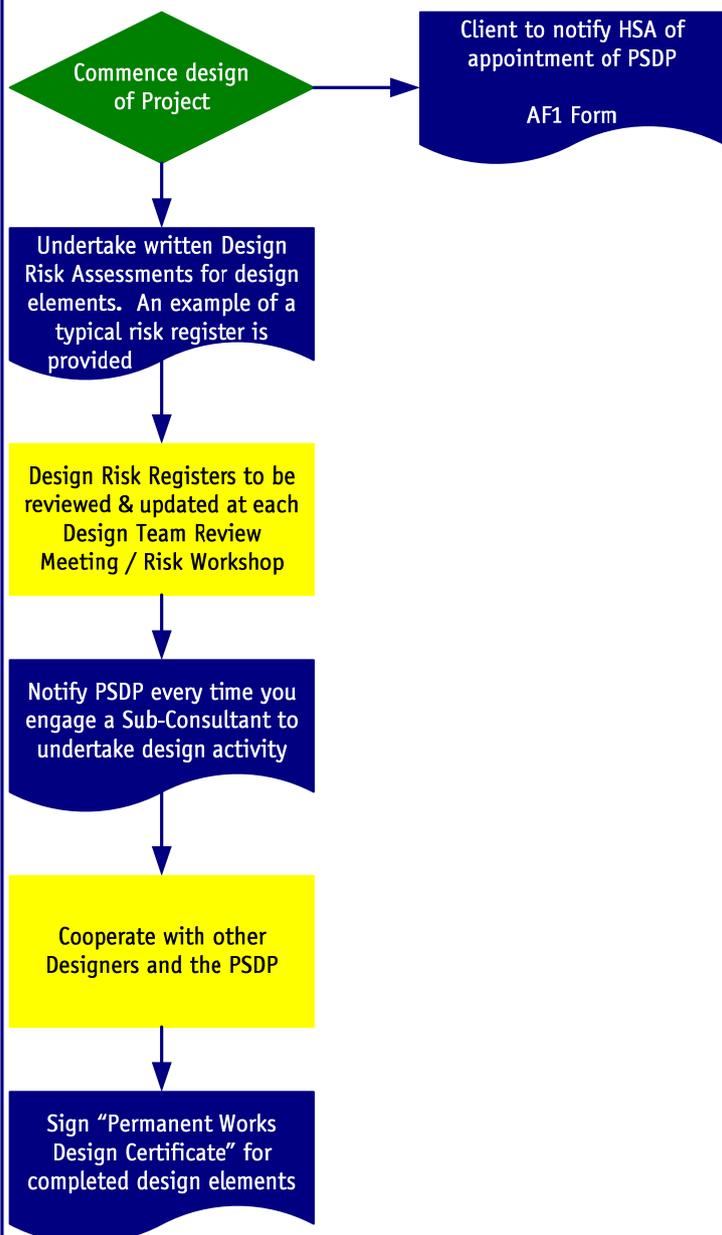


Management of Health & Safety during the Design Process



Designers of Construction Work

Safety, Health and Welfare at Work Act, 2005, Section 17

17.—(2) A person who designs a project for construction work shall ensure, so far as is reasonably practicable, that the project—

- (a) is designed and is capable of being constructed to be safe and without risk to health,
- (b) can be maintained safely and without risk to health during use, and
- (c) complies in all respects, as appropriate, with the relevant statutory provisions.

General Principles of Prevention

Safety, Health and Welfare at Work Act, 2005, Schedule 3

- The avoidance of risks.
- The evaluation of unavoidable risks.
- The combating of risks at source.
- The adaptation of work to the individual, especially as regards the design of places of work, the choice of work equipment and the choice of systems of work, with a view, in particular, to alleviating monotonous work and work at a predetermined work rate and to reducing the effect of this work on health.
- The adaptation of the place of work to technical progress.
- The replacement of dangerous articles, substances or systems of work by safe or less dangerous articles, substances or systems of work.
- The giving of priority to collective protective measures over individual protective measures.
- The development of an adequate prevention policy in relation to safety, health and welfare at work, which takes account of technology, organisation of work, working conditions, social factors and the influence of factors related to the working environment.
- The giving of appropriate training and instructions to employees.

Designer's Duties

Safety, Health and Welfare at Work (Construction) Regulations, 2006, Regulation 15

- (1) In carrying out work related to the design of a particular project, a designer shall,
 - (a) take account of -
 - (i) the general principles of prevention, and
 - (ii) the relevant -
 - (I) safety and health plan, and
 - (II) safety file prepared in accordance with these Regulations, and
 - (b) provide in writing to the project supervisor for the design process all relevant information necessary for the project supervisor to carry out the project supervisor's duties under these Regulations.
- (2) In carrying out work related to the design of a particular project, a designer shall -
 - (a) co-operate with the project supervisor for the design process or the project supervisor for the construction stage, as appropriate, to enable that project supervisor to comply with these Regulations,
 - (b) co-operate with other designers, as appropriate, to enable them to comply with these Regulations in relation to the project, and
 - (c) comply with all directions from the project supervisor for the design process or the project supervisor for the construction stage, that are issued pursuant to Regulation 14 or 20, as appropriate.
- (3) In carrying out work related to the design of a particular project, a designer shall promptly provide in writing to the project supervisor for the design process or for the construction stage, whichever is appropriate, all information -
 - (a) about the project that is known to the designer regarding particular risks to the safety, health and welfare of persons at work, including but not limited to the risks referred to in Schedule 1,
 - (b) regarding the nature and scope of the project to the extent necessary to enable the project supervisor to comply with these Regulations,
 - (c) about the project that is necessary for that project supervisor to prepare the safety file, and
 - (d) that is known to that person and is necessary to ensure, so far as is reasonably practicable, the safe construction of the design for the project.
- (4) For the purposes of paragraph (3), if no project supervisor is known to the designer to have been appointed for the project, the designer shall provide the information referred to in that provision to the appropriate contractor instead of to a project supervisor.
- (5) If a designer is not aware of the appointment of a project supervisor for the design process, the designer shall promptly inform the client of the client's duties under Regulation 6.

Particular Risks

Safety, Health and Welfare at Work (Construction) Regulations, 2006, Schedule 1

1. Work which puts persons at work at risk of -
 - (a) falling from a height,
 - (b) burial under earthfalls, or
 - (c) engulfment in swampland, where the risk is particularly aggravated by the nature of the work or processes used or by the environment at the place of work or construction site.
2. Work which puts persons at work at risk from chemical or biological substances constituting a particular danger to the safety and health of such persons or involving a statutory requirement for health monitoring.
3. Work with ionising radiation requiring the designation of controlled or supervised areas as defined in Directive 96/29/Euratom2.
4. Work near high voltage power lines.
5. Work exposing persons at work to the risk of drowning.
6. Work on wells, underground earthworks and tunnels.
7. Work carried out by divers at work having a system of air supply.
8. Work carried out in a caisson with a compressed-air atmosphere.
9. Work involving the use of explosives.
10. Work involving the assembly or dismantling of heavy prefabricated components.

DESCRIPTION			
Procedures for the Management of Health & Safety during the Design Process			
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