

1.3.1 Guidance and checklists for coordinator P in the design phase

Checklist 1.3 (DK) is oriented towards ensuring a good process and organization through the design phase.

1.3 is **supplemented by this [checklist 1.3.1 \(UK\)](#)** and checklists 1.3.2 (DK) and 1.3.3 (DK) which are all oriented towards identifying the risks associated with the building process and the finished construction. You choose the one of the three checklists (1.3.1, 1.3.2 and 1.3.3) that best fits the context in which you are working. You also can use the material at the website Byggeproces.dk

The construction task will be clearly identified at the design stage. Here the foundations are created for final approval and implementation of the construction.

The main project is the basis for obtaining offers and concluding contracts. The building project is described, and work descriptions are drawn up, and it is a good idea to carry out a work environment assessment of the building material at the end of the project phases.

Residual risk

When the **project proposal** is prepared, it must be reviewed once again to ensure that all relevant risks have been addressed. The risks which has not been possible to remove during the design are known as residual risks. They must be communicated to the **main project phase**, so that they can be prevented in the further design. These are residual risks that may affect both working conditions during the execution phase and the operation and maintenance of the finished construction.

Main project

The final product at the design stage is the **main project** with descriptions, working drawings, schedule and descriptions of the offer. When main project has been prepared, it also must reviewed once again to ensure that all relevant risks have been addressed.

Evaluation

It is a good idea to evaluate what has gone well and what not has gone well in terms of OSH at the design stage. And evaluate the reasons why. This ensures that good experiences are maintained and this may improve in the next project.

1.3.1 The design phase of the construction project

Guide to Scrutiny of OSH risks during the construction phase, The use of the building as well as for repairs, maintenance and Future demolition

OSH problem/risk ¹				
Access, traffic and transport routes	Machines, hand tools, technical aids foreclosure, maintenance	Collapse, Crash, burring under earth etc.	Drowning, electric shock	Weather, draughts, warmth, cold
Cleanup and cleaning	Excavation and bracing	Substances and materials e.g. asbestos, PCB, lead, biological materials, lack of oxygen	Ergonomics, tight spaces	Working in wells, tunnels, subsoil or water
Railings, hedges, barriers	Lifting Gear	Over pressure or under pressure	Noisy, vibrating work	Assembly/construction of large and heavy structures/building components, e.g. concrete
Ladders and Scaffolding	Lighting	Fire, explosion	Radiation	Other issues

No.	Part of the building	OSH problem/ risk In regarding the below listed topic ²	Relevance Yes/No	Description of risks and in what stage they occur ³	How can risks be countered?	Responsible	Date	Solution in project/ Solution in Journal
1	Roof							
2	Wet room							
3	Walls							
4	Deck / floors							
5	Windows							
6	Doors							

¹ Relevant OSH issues/risks that can be identified throughout the design process for the construction, repair and maintenance of the finished building/construction

² This introduces the specific OSH issues/risks identified throughout the design process for the construction, repair and maintenance of the finished building/construction

³ Use red, yellow or green colour to illustrate your assessment of the risk ([Also see Arbejdsmiljølog](#) design phase (DTU) Bilag page 144 - 146 (DK))

No.	Part of the building	OSH problem/ risk In regarding the below listed topic ²	Relevance Yes/No	Description of risks and in what stage they occur ³	How can risks be countered?	Responsible	Date	Solution in project/ Solution in Journal
7	Glass							
8	Building base							
9	Installations							
10	Transport routes up to the building							
11	Transport routes in building							
12	Outdoor installations above ground							
13	Outdoor installations under soil							
14	Outdoor installations over water							

No.	Part of the building	OSH problem/ risk In regarding the below listed topic ²	Relevance Yes/No	Description of risks and in what stage they occur ³	How can risks be countered?	Responsible	Date	Solution in project/ Solution in Journal
15	Outdoor installations under water							
16	Other issues							