

Annex 7 Check List for Excavation and Bracing

The site address: _____

Occupational safety and health review conducted by: _____

Occupational safety and health review date: _____

The table below is filled out in connection with security review concerning excavation and bracing

Safety And Health Topic See Handbook on OSH in construction	In order YES/NO	If not, please describe where and what the problems are	Describe the solution to the problem	Responsible person and date of solution
It is an experienced person who directs and monitors the excavation work, including assessing the nature of the ground, sloping sites and the use of propping?				
It is checked whether there are: 1) pollution in the soil from previous production or dump. 2) previous excavations in connection with supply lines or other. 3) installations in the ground, which must be taken into account (gas, electricity or communication wires). 4) digging permit from the local authorities.				
For digging depths in excess of 5 meters: A written assessment of work performance has been prepared, which includes particular measures in order to avoid specific danger. A safety and health plan has been prepared (requirement if there is more than one employer)?				
An emergency response plan is produced as there are peculiar circumstances that make it mandatory. All the necessary equipment e.g. in the form of pumps, ladders, propping, respirators, etc. is present?				
Regarding excavation without bracing, it has been secured that the walls do not slide : By the establishment of slope ratios of 1: 2 (at digging depths exceeding 1.70 meters where the ground is stable and the working position is not kneeling etc.) By the establishment of slope ratios 1: 1 (at digging depths exceeding 5 meters). The slopes are smooth and free of stones. Excavated soil is removed so that it does not contribute with an extra burden on the edges of the excavation or progresses down.				
By road works: The distance from the edge of the excavation section to the road is at least the same as the depth of the excavation section?				
By excavating with bracing it is ensured that the support is sound, e.g. by use of dig box, establishment of a sheet pile wall etc.				