

**P.U.(A) 328/86**  
**FACTORIES AND MACHINERY (BUILDING OPERATIONS AND WORKS OF ENGINEERING**  
**CONSTRUCTION) (SAFETY) REGULATIONS 1986**  
**PART XII - EXCAVATION WORK**

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**Regulation 113. General requirements.**

(1) No employee shall be permitted to enter any excavated area unless sheet piling, shoring or other safeguards that may be necessary for his protection are provided.

(2) The excavation site and its vicinity shall be checked by a designated person after every rainstorm or other hazard-increasing occurrence and the protection against slides and cave-ins shall be increased, if necessary.

(3) Temporary sheet piling installed to permit the construction of a retaining wall shall not be removed until the wall has developed its full strength.

(4) Where banks are undercut adequate shoring shall be provided to support the overhanging materials.

(5) Excavated materials and other superimposed load shall be placed at least 610 millimetres from the edge of open excavation and trenches, and shall be so piled or retained that no part thereof can fall into the excavation, or cause the banks to slip or cause the upheaval of the excavation bed.

(6) Banks shall be stripped of loose rocks or other materials which may slide, roll or fall upon persons below.

(7) Open sides of excavations where a person may fall more than 3 metres shall be guarded by adequate barricades and suitable warning signs shall be put up at conspicuous positions.

(8) No employee shall be permitted to work where he may be struck or endangered by an excavating machine or by material dislodged by it or falling from it.