

Abstract

This lift has, when the lift cage is in its lowermost access level, no lift shaft pit or one with absolute minimal lift shaft pit depth. Nevertheless, the regulations of the Lift Ordinance with respect to free spaces against the risk of being crushed are fulfilled. The lift cage (6) is for this purpose movable in a lift shaft (17) with shaft doors (11-14) to several access levels (1-4). Maintenance operations can be carried out both on the lift cage (6) or from the interior of the lift cage (6). As a feature, access to the region (17) below the lift cage (6) is made impossible. The solution for that purpose consists in that at least the lowermost shaft door (11) is permanently locked, whilst all upper shaft doors (12-14) can have emergency unlocking means. The at least lowermost shaft door (11) is thus permanently locked, with the exception of the state in which the lift cage (6) is in stopped state, or is stopped, opposite it. The required permanent protective space F consists of the entire interior of the lift cage (6) itself.

(Figure 1)