

**Requirements for Qualified Supervision  
of Structural Works, Foundation Works and Excavation Works  
Buildings Ordinance section 17**

As the design and construction of buildings become more complex, it is necessary to exercise closer supervision during construction. Buildings Ordinance section 17 provides that conditions may be imposed when approval of plans or consent to commence building works is given, to require qualified supervision to be provided at certain stages of construction or for some particular operations. Examples are :

- (a) major excavation and foundation construction;
- (b) concreting;
- (c) carrying out of compliance testing;
- (d) prestressing operations including pre-tensioning, post-tensioning, grouting and lock-off;
- (e) fabrication, erection and examination of key structural steelwork elements on site; and
- (f) carrying out of specialist building works.

2. The personnel assigned to supervise the works should possess adequate technical knowledge and experience relevant to the works and should be fully conversant also with the engineering basis upon which the works are designed. The authorized person, registered structural engineer, registered geotechnical engineer and registered contractor are required, under their respective duties stipulated in Buildings Ordinance section 4(3) and 9(3) and Building (Administration) Regulations 37 and 41, to ensure that qualified supervision is carried out properly.

3. The requirements for qualified supervision of geotechnical works are covered by PNAP 83.

( H W CHEUNG )  
Building Authority

Ref. : BD GP/BORD/65

First issue June 1990

Last revision May 1994 (AD/SE)

This revision December 2005 (AD/Sup) (Para 2 is amended to include RGE)

Index under : BO s17 - Requirement for Qualified Supervision of Structural Works,  
Foundation Works and Excavation Works  
Supervision - Structural Works, Foundation Works and Excavation  
Works