

**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, the registered structural engineer and the 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.


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