



## Construction Quality Supervision Alert

The construction industry is concerned about the recent development with regard to construction quality supervision incidents. The Construction Industry Council is issuing this alert to remind industry practitioners to uphold the execution of the current construction quality supervision system.

A robust construction quality management and supervision system is the foundation of all quality construction. Proper and timely documentation will ensure the accountability of all parties involved in the construction quality supervision and inspection processes. Deficiencies in documentation will seriously undermine the traceability of potential quality issues and hinder future investigations.

Construction practitioners should fulfil all legal, contractual and internal audit supervision duties according to specific project requirements. Contractual duties include compliance with contract specifications and requirements, Engineering Site Inspection Guide, Project Administration Handbook for Civil Engineering Works, approved Quality Supervision Plan (QSP) and the like. Missing documentation or inspection record may also breach the Building Ordinance and Regulations.

Industry stakeholders should take note of this alert and adopt appropriate measures for the effective execution of construction quality supervision:

### Employer

- Ensure all applicable statutory, project specific and internal requirements on construction quality are incorporated into the consultancy, construction and supply contract requirements and specifications.



#### Disclaimer

Whilst reasonable efforts have been made to ensure the accuracy of the information contained in this publication, the CIC nevertheless would encourage readers to seek appropriate independent advice from their professional advisers where possible. Readers should not treat or rely on this publication as a substitute for such professional advice for taking any relevant actions.

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- Monitor the consultant and contractor regularly to ensure the contract requirements and specifications had been fulfilled.

## Consultant / Resident Site Staff / Resident Engineer

- Review and ensure the QSP prepared by the main contractor complies with statutory and contract requirements on construction quality.
- Formulate a suitable inspection plan.
- In consultation with the main contractor, devise an appropriate inspection work flow.
- Ensure all inspections are documented in the prescribed format and in a timely manner.
- Comply with and discharge all contractual and statutory supervision duties pursuant to the Building Ordinance, Code of Practice for Site Supervision, Technical Memorandum for Supervision Plans, Practice Notes and Circular Letters as applicable.
- Alert the immediate supervisor and employer and issue rectification notice if there is repeated deviation from the approved QSP. Report to the authorities where there is suspected case of fraud.

## Main Contractor / Quality Control Engineer / Foreman

- Prepare QSP in compliance with the prevailing statutory and contract requirements on construction quality. Execute the QSP diligently and comply with all statutory and contract requirements.
- Arrange for the client's / consultant's inspection for completed work and obtain the necessary approval before proceeding to the next sequence of work.



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- Ensure inspection forms are filed in a proper and timely manner. Contractors should be able to furnish the inspection records upon a valid request within the specified time.
- Comply with and discharge all contractual and statutory supervision duties pursuant to the Building Ordinance, Code of Practice for Site Supervision, Technical Memorandum for Supervision Plans, Practice Notes and Circular Letters as applicable.
- Report to the client / consultant / immediate supervisor in case of missing inspection forms.

## Subcontractor

- Carry out works in accordance with approved working drawings, contract requirements and specifications. Modification or deviation of the works from the approved working drawings should only be executed with the express instruction of the authorised project personnel, preferably in writing.
- Inform the main contractor as the sequence of work is completed and ready for inspection.
- Do NOT proceed with the next sequence of work without the express permission of the authorised project personnel.

## Reference Material

- Cap. 123 Building Ordinance
- Code of Practice for Site Supervision 2009, Buildings Department
- Technical Memorandum for Supervision Plans 2009, Buildings Department



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- Practice Notes for Authorized Persons, Registered Structural Engineers and Registered Geotechnical Engineers, Buildings Department
  - ADM-13 - Monitoring for Site Safety and Quality, Buildings Department
  - ADM-18 - Site Auditing for Building Works
  - APP-28 - Requirements for Qualified Supervision of Site Formation Works, Excavation Works, Foundation Works on Sloping Ground, and Ground Investigation Works in the Scheduled Areas - Buildings Ordinance section 17
  - APP-48 - Requirements for Qualified Supervision of Structural Works, Foundation Works and Excavation Works - Buildings Ordinance section 17
  - APP-135 - Quality Supervision of Soil Nailing Works
  - APP-141 - Division of Responsibilities between Authorized Person, Registered Structural Engineer and Registered Geotechnical Engineer
  - APP-143 - Quality Control and Supervision of Precast Concrete Construction
  - APP-157 - Code of Practice for Site Supervision 2009
  - APP-158 - Quality Supervision of Building Works
  - ADV-37 - Conduct of Registered Building Professionals under the Buildings Ordinance
- Practice Notes for Registered Contractors, Buildings Department
  - PNRC 31 - Monitoring for Site Safety and Quality
  - PNRC 49 - Site Auditing for Building Works
  - PNRC 63 - Quality Control and Supervision of Precast Concrete Construction
  - PNRC 76 - Code of Practice for Site Supervision 2009
  - PNRC 77 - Quality Supervision of Building Works
  - PNRC 79 - Conduct of Registered Contractors under the Buildings Ordinance



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