

- 6.5** The following are particular minimum requirements for concrete in contact with soil:
- a) Minimum 28 days characteristic cube strength shall be 40 N / mm<sup>2</sup>.
  - b) All reinforced concrete members shall be protected with quality damp- proofing and water-proofing systems.
  - c) Clear concrete cover to reinforcement shall be not less than 75 mm for footings and 50 mm for columns, beams, slabs and walls.
  - d) Anti-termite treatment shall be provided underneath slabs on grade and ground beams to prevent termite infestation. Proposed anti-termite treatment shall be approved by the Authority.
- 6.6** The design and construction of pipelines, storage tanks, boilers, cranes, lifting equipment and pressure vessels shall be checked and certified by an independent third party inspection agency approved by the Authority.