

Summary of Decisions of the Structural Engineering Committee
SEC Meeting 1/2018 held on 30.1.2018

Case 2/2018

Issue: Use of proprietary isolation spring system as a structural support for the superstructure and testing proposal for the isolation spring system

Recommendation: To accept the following at the proposed development:

- (i). To accept the use of proprietary isolation spring system as a structural support for the superstructure.
- (ii). To accept the proposed acceptance criteria of on-site loading tests to ensure the spring system can safely sustain the vertical and horizontal working loads with a Factor of Safety of 2.
- (iii). To accept the proposed sampling rate of 1% or 5 numbers of each type of spring systems, whichever is greater, for the on-site vertical load test and horizontal load test.

Decision: Having noted the background information, the clarifications made by the RSE and his consultant team, members endorsed the recommendations on a case-by-case basis subject to the following conditions:

- (i) Upon completion of the works, RSE should submit the Inspection and Maintenance Manual to the satisfaction of the Buildings Department. The Inspection and Maintenance Manual should include information on the necessary make good/repair method and procedures for the fire proofing system as may be required after each inspection. Approval drawings should also be included in the Inspection and Maintenance Manual for the owner's reference; and
- (ii) Submission of Alterations and Additions plans to the Buildings Department is required for the repair and/or replacement works for the isolation spring systems.