

Summary of Decisions of the Structural Engineering Committee
SEC 6/2004 held on 11.11.2004

(a) Case 11/2004

Issue : Proposed use of gust wind speed of 38.7 m/s at 55m above general terrain be use in assessing the wind load on golf net.

Recommendation : To accept a gust wind speed of 38.7 m/s at 55m above general terrain (corresponding to a tropical cyclone warning signal T1) be used in assessing the wind load on the golf nets which will be lowered when (a) the golf driving range is closed, or (b) a tropical cyclone warning signal T3 or higher is hoisted, or (c) any one of the anemometers installed at the top of the net towers at the 4 corners of the site registered a gust wind speed exceeding 25 m/s.

Decision : Noting the background information and the rational approach used, members endorsed the recommendation subject to the following conditions:-

- (a) An effective management team shall be appointed to supervise and ensure the proper operation of the automatic golf net lowering system under the preset conditions and suitable procedures are in place to activate the lowering of golf nets in case of malfunction of the automated means.
- (b) The preset conditions for lowering of the golf nets are:
 - (i) at all times when the golf driving range is closed, or
 - (ii) when a tropical cyclone warning signal T3 or higher is hoisted, or
 - (iii) any one of the anemometers installed at the top of the net towers at the 4 corners of the site recorded a gust wind speed exceeding 25m/s.
- (c) A notice board to state clearly the preset conditions given in (b) above should be displayed at a conspicuous location for the attention of the players.
- (d) Advance warning to close of the golf driving range should be given to the golf players by the management company when

the recorded wind speed mentioned in item (b)(iii) above is close to 25 m/s.

- (e) The golf net towers shall be designed in accordance with HK Wind Code, 1983 when the golf nets are lowered.
- (f) The permeability of the golf net should be considered in assessing the wind load thereon. The golf towers and nets (when erected) should be designed for the appropriate wind loads in accordance with the size of the net holes adopted for the driving range.