

Summary of Decisions of the Structural Engineering Committee
SEC 17/2011 held on 17.11.2011

(a) Case 17/2011

- Issue: Use of 63.5 mm diameter high strength BBV (grade 555/700) hot rolled thread bars and BBV Straight Round coupler in Mini-piles socketed into rock
- Recommendation: The use of 63.5 mm diameter high strength BBV (grade 555/700) hot rolled thread bars as steel bars and BBV Straight Round coupler in the mini-piles socketed into rock at this site be accepted.
- Decision: Upon deliberation, members endorsed the recommendation on the condition that :
- (a) A comprehensive quality assurance report is to be submitted to ensure that the production of the BBV (grade 555/700) thread bars and BBV Straight Round couplers (including the anchor nuts) would conform to ISO 9001 and that the required standards are complied with.
 - (b) A comprehensive quality control proposal is to be submitted to ensure that all the site works in installing the BBV (grade 555/700) thread bars and BBV Straight Round couplers (including the anchor nuts) would conform to manufacturer's recommendation and that the required standards are complied with.
 - (c) The 0.1 mm permanent elongation limit for BBV Straight Round couplers under working stress of $0.5f_y$ (i.e. 260 MPa) shall not be exceeded.
 - (d) BBV Straight Round couplers must be installed in staggered position and above rockhead.